

March 30, 2022

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

## Valley Water Staff Support of the Joint Water Resources Committee:

Rick Callender, Chief Executive Officer  
Carlos Orellana, District Counsel  
Michelle King, Clerk, Board of Directors  
Melanie Richardson, Asst. Chief Executive Officer  
Anthony Fulcher, Senior Assistant District Counsel  
Rachael Gibson, Chief of External Affairs  
Don Rocha, Deputy Administrative Officer  
Aaron Baker, Chief Operating Officer, Water Utility  
Vincent Gin, Deputy Operating Officer, Water Supply Division  
Heath McMahon, Deputy Operating Officer, Water Utility Capital  
Bhavani Yerrapotu, 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  
Miguel Silva, Associate Engineer II  
Elise Latedjou-Durand, Senior Environmental Planner  
Tony Mercado, Public Information Representative II  
Eva Sans, Assistant Deputy Clerk II

A regular meeting of the Santa Clara Valley Water District Joint Water Resources Committee has been scheduled to occur at 9:00 a.m. on Wednesday, April 6, 2022.

Zoom Meeting Link: <https://valleywater.zoom.us/j/86491656667>

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





SOUTH COUNTY REGIONAL  
WASTEWATER AUTHORITY

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

Teleconference Zoom Meeting

### **REGULAR MEETING AGENDA**

**Wednesday, April 6, 2022  
9:00 AM**

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

**COMMITTEE MEMBERS:**

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

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.

**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.**

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

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**Wednesday, April 6, 2022**

**9:00 AM**

**Teleconference Zoom Meeting**

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**\*\*\*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/86491656667>**  
**Meeting ID: 864 9165 6667**  
**Join by Phone:**  
**1 (669) 900-9128, 86491656667#**

**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 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 COMMITTEE OFFICERS:**

**4. APPROVAL OF MINUTES:**

4.1. Approval of January 5, 2022 Joint Water Resources Committee Meeting Minutes. [22-0331](#)

Recommendation: Approve the minutes.

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

Attachments: [Attachment 1: 010522 JWRC Meeting Minutes](#)

Est. Staff Time: 5 Minutes

**5. ACTION ITEMS:**

5.1. South County Water Reuse Collaboration and Implementation. [22-0332](#)

Recommendation: A. Receive update and discuss information on Technical Working Group discussions related to South County Water Reuse Collaboration; and  
B. Provide feedback and recommendations as necessary.

Manager: Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: PowerPoint](#)

Est. Staff Time: 15 Minutes

5.2. Water Supply Master Plan and South County Opportunities. [22-0334](#)

Recommendation: Receive information on the Water Supply Master Plan and South County opportunities.

Manager: Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: PowerPoint](#)

Est. Staff Time: 10 Minutes

5.3. Water Shortage Emergency Condition and Call for Conservation. [22-0335](#)

Recommendation: Receive information on Water Shortage Emergency Condition and Call for Conservation.

Manager: Kirsten Struve, 408-630-3138

Attachments: [Attachment 1: PowerPoint](#)

Est. Staff Time: 15 Minutes

5.4. Review 2022 Joint Water Resources Committee Work Plan. [22-0333](#)

Recommendation: A. Review the 2022 Joint Water Resources Committee Work Plan, and make adjustments as necessary; and  
B. Select a date for the next Joint Water Resources Committee meeting.

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

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

Est. Staff Time: 5 Minutes

5.5. Committee Member Reports.

**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:**

7.1. Adjourn to Regular Meeting at 9:00 a.m., on Wednesday, July 6, 2022.







# Santa Clara Valley Water District

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**File No.:** 22-0331

**Agenda Date:** 4/6/2022

**Item No.:** 4.1.

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## COMMITTEE AGENDA MEMORANDUM

### Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA

**SUBJECT:**

Approval of January 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: 010522 JWRC Meeting 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)**

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# MINUTES

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**WEDNESDAY, JANUARY 5, 2022  
9:00 AM**

(Paragraph numbers coincide with agenda item numbers)

**1. Call to Order/Roll Call.**

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 teleconference were Mayor Marie Blankley and Councilmember Dion Bracco representing City of Gilroy, Councilmember Rene Spring and Councilmember John McKay representing City of Morgan Hill, and District 1 Director John L. Varela and District 3 Director Richard P. Santos, Chairperson presiding, representing Valley Water and constituting a quorum of the Committee.

Valley Water staff in attendance: H. Ashktorab, A. Baker, N. Dominguez, A. Gschwind, H. McMahon, T. Mercado, D. Rocha, A. Shannon, K. Struve, C. Sun and D. Tucker.

City of Gilroy staff in attendance: S. Vaziry.

City of Morgan Hill staff in attendance: C. Ghione. Councilmember Gino Borgioli, Alternate Committee Representative was also present.

Public attendees: Mr. Doug Muirhead, Morgan Hill resident.

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

Chairperson Santos declared 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 October 6, 2021 Joint Water Resources Committee Meeting Minutes.**

The Committee considered the attached minutes of the October 6, 2021 Joint Water Resources Committee meeting.

It was moved by Councilmember Spring, seconded by Councilmember McKay, and carried by roll call vote to approve the minutes as amended. Mayor Marie Blankley abstained.

### **4. ACTION ITEMS.**

#### **4.1. Receive Update on South County Water Reuse Collaboration.**

Recommendation:   A. Receive and discuss information on Technical Working Group discussions related to South County Water Reuse Collaboration; and  
                              B. Provide Feedback and recommendations as necessary.

Ms. Kirsten Struve, Assistant Officer, reviewed the information on this item, per the attached Committee Agenda Memo, and Mr. David Tucker, Associate Engineer, reviewed the Technical Working Groups discussions and activities.

The Committee received an update on the Technical Working Group's (TWG) discussions regarding opportunities for continued collaboration and opportunities to evaluate options to supplement South County's water supply with recycled and purified water. 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.

Mr. Doug Muirhead, Morgan Hill resident, requested the Committee consider increased communication with the public on the benefits of recycled and purified water.

The Committee made the following requests:

- Staff to review the August 23, 2021 staff report and clarify verbiage and Committee recommendations with regard to the information contained in the January 5, 2022 staff report.
- Provide future TWG reports in a written and/or visual format.
- Provide Committee members with an executive summary and copy of all partnering agreements related to expansion of South County recycled and purified water.

4.2. Review 2022 Joint Water Resources Committee Work Plan.

Recommendation:   A. Review the 2021 Joint Water Resources Committee Work Plan, and make adjustments as necessary; and  
                              B. Select a date for the next Joint Water Resources Committee meeting.

Ms. Natalie Dominguez, Assistant Deputy Clerk, reviewed the information on this item, per the attached Committee Agenda Memo, and corresponding presentation materials contained in Attachment 1.

The Committee noted the items contained in the 2022 Work Plan for future agendas and requested to add the following item:

- Include a new standing item for Committee Member Reports.

**5. INFORMATION ITEMS.**

None.

**6. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.**

Ms. Natalie Dominguez, Assistant Deputy Clerk II, reviewed Committee requests as follows:

Regarding Item 4.1:

- Staff to review the August 23, 2021 staff report and clarify verbiage and Committee recommendations with regard to the information contained in the January 5, 2022 staff report.
- Provide future TWG reports in a written and/or visual format.
- Provide Committee members an executive summary and copy of all partnering agreements related to this subject matter.

Regarding Item 4.1:

Include a new standing item for Committee Member Reports.

**7. ADJOURN.**

7.1. Adjourn to Regular Meeting at 9:00 a.m., on April 6, 2022.

Chairperson Santos adjourned the meeting at 9:40 a.m., to the next meeting scheduled to occur at 9:00 a.m. on Wednesday, April 6, 2022, to be called to order in compliance with the State Emergency Services Act, the Governor's Emergency Declaration related to COVID-19, and the Governor's Executive Order N-08-21.

Natalie F. Dominguez  
Assistant Deputy Clerk II

Approved:



# Santa Clara Valley Water District

**File No.: 22-0332**

**Agenda Date: 4/6/2022**  
**Item No.: 5.1.**

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## COMMITTEE AGENDA MEMORANDUM

### Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA

**SUBJECT:**

South County Water Reuse Collaboration and Implementation.

**RECOMMENDATION:**

- A. Receive update and discuss information on Technical Working Group discussions related to South County Water Reuse Collaboration; and
- B. Provide feedback and recommendations as necessary.

**SUMMARY:**

The Santa Clara Valley Water District (Valley Water) and the Cities of Gilroy and Morgan Hill have a long history of collaboration to ensure the utilization and expansion of water reuse in South County. Since 1999, South County water recycling has been anchored by several partnering agreements that have promoted the development and expansion of the South County Recycled Water System. 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 recycled and purified water expansion.

In August 2021, the Committee recommended the establishment of a Technical Working Group (TWG) of each agency's staffs to further evaluate the opportunities and constraints of:

- 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 approved at a joint meeting of the Valley Water Board and the City Councils of Morgan Hill and Gilroy. At the request of their Mayor, 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 inaugural meeting of the TWG took place in September 2021 and the Committee received its initial update of TWG activities in January 2022. The TWG has met monthly and virtually since September 2021. For this update, staff will present our interagency discussions on South County

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recycled water planning; opportunities and challenges to strengthen and enhance non-potable and potable water reuse; and options to update our legal agreements to improve water reuse in South County. The presentation will highlight the TWGs recent examination of our 1999 and 2006 Producer-Wholesaler Agreements and discuss prospective additions and revisions to bring these approved provisions current.

**ATTACHMENTS:**

Attachment 1: PowerPoint

**UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138





# Valley Water

Clean Water • Healthy Environment • Flood Protection

Joint Water Resources Committee  
April 6, 2022

**Attachment 1**

# Joint Water Resources Committee



## South Santa Clara County Water Reuse Collaboration

Presented by: Mr. David Tucker, Associate Engineer

# JWRC January 2022 Meeting

3

## First South County Collaboration Update

- ✓ **TWG Discussions**
- ✓ **Future Topics**
- ✓ **TWG Feedback**



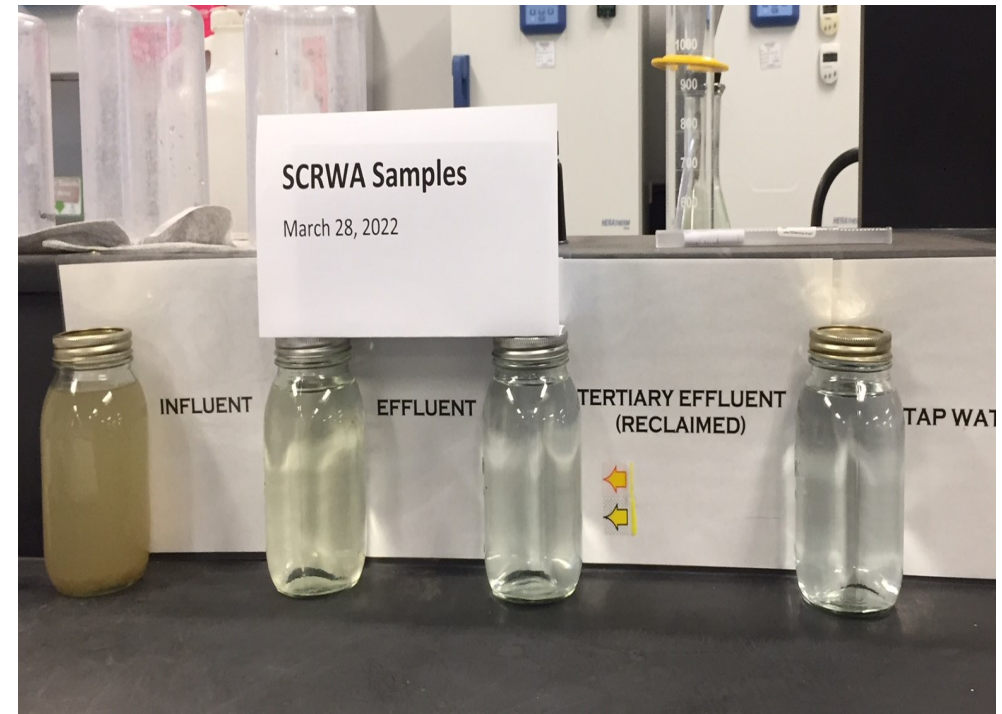
valleywater.org

# TWG January 2022 Meeting

4

## Discussion I - Producer-Wholesaler Agreement

- ✓ **1999 Agreement**
- ✓ **Developer Opportunity**
- ✓ **JWRC Feedback**



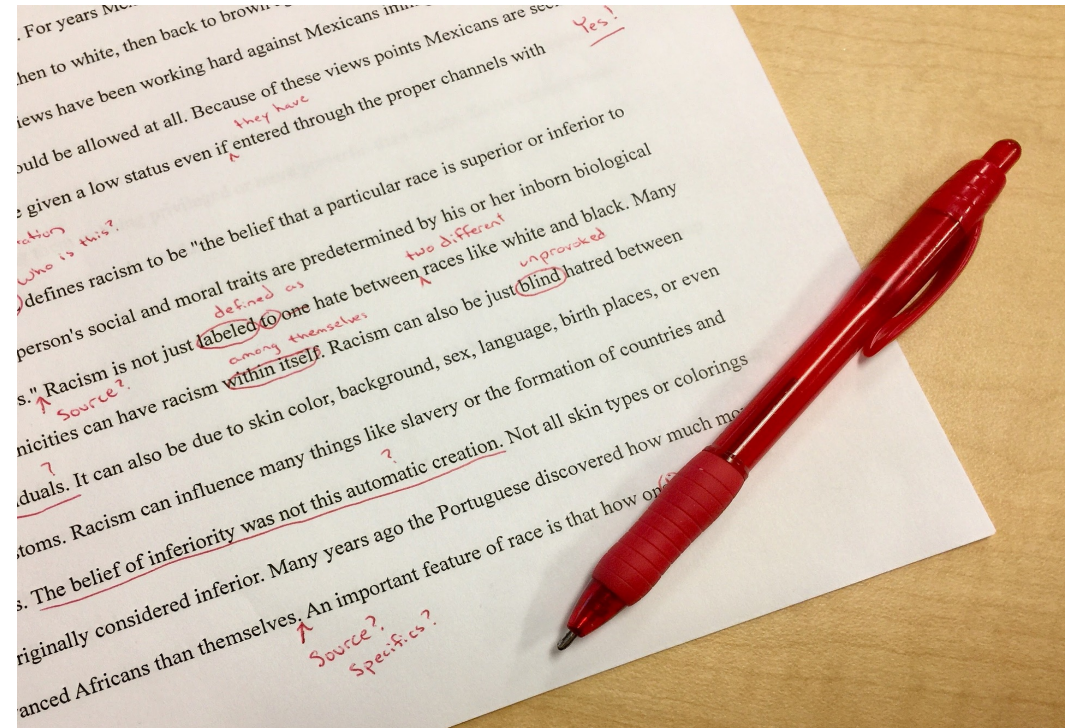


# TWG February 2022 Meeting

5

## Discussion II – Producer-Wholesaler Agreement

- ✓ JWRC Feedback
- ✓ 2006 Agreement
- ✓ Revision Discussion



# Committee Direction to TWG

- ☐ Staff to review August 2021 staff report and clarify Committee recommendations.
- ☐ Provide TWG reports in a written and/or visual format.
- ☐ Provide Committee with executive summary and all partnering agreements.

# TWG March 2022 Meeting

7

## Discussion III – Producer-Wholesaler Agreement

- ✓ **Revision Outline**
- ✓ **Master Planning**
- ✓ **JWRC Discussion**





# QUESTIONS







# Valley Water

Clean Water • Healthy Environment • Flood Protection





# Santa Clara Valley Water District

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**File No.:** 22-0334

**Agenda Date:** 4/6/2022

**Item No.:** 5.2.

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

### **SUBJECT:**

Water Supply Master Plan and South County Opportunities.

### **RECOMMENDATION:**

Receive information on the Water Supply Master Plan and South County opportunities.

### **SUMMARY:**

The Water Supply Master Plan 2040 (Master Plan) is Valley Water's guiding document for long-term water supply investments to ensure water supply reliability for Santa Clara County through the year 2040. The Master Plan, adopted by the Valley Water Board of Directors (Board) in 2019, identifies Valley Water's level of service goal "to develop water supplies to meet at least 100 percent of average annual water demand during non-drought years and at least 80 percent of average annual water demand in drought years."

To ensure Valley Water achieves its level of service goal, the Master Plan recommends a three-pronged strategy and a portfolio of projects to be invested through 2040 to meet future county-wide demand:

- 1) Secure existing supplies and infrastructure. This includes securing local water rights, pipeline maintenance, dam retrofits, treatment plant improvements and other projects to maintain existing system, as well as actions to secure imported water supplies.
- 2) Expand water conservation and reuse. This includes expanding the use of drought-resilient supplies and conservation, because they are going to be most reliable in the future under a changed climate. These generally are local supplies, not dependent on rain, and are reliable during droughts.
- 3) Optimize the use of the existing system to increase operational flexibility. In some years, supplies exceed demands. Additional facilities would increase our flexibility to use or store these excess supplies and therefore Valley Water's ability to respond to outages or operate the system during challenges like droughts or water quality problems.

These three elements together provide a framework for a sustainable and reliable future water supply and strike a balance between protecting what we have, investing for the future, and making the most

of the existing water supply system.

As part of the on-going master planning process 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 updates on projects to help inform the annual water rate-setting process, Capital Improvement Program (CIP), and budget processes. The update gives the Board an opportunity to adjust the Master Plan in response to changing conditions. The MAP 2020 provided updated demands that considered new growth and development information, with forecasted demands lower than what was in the Master Plan. The MAP 2021 evaluated how different projects may help ensure Valley Water maintains a reliable water supply into the future considering future climate, regulations, and updated project information.

### **Support for South County**

Valley Water maximizes water use efficiency programs and operates a complex and interconnected water supply system to conjunctively manage supplies from surface water (imported and local) and groundwater to meet county-wide demand. Following this integrated management approach, Valley Water's past and future water supply investments are designed to provide water supply benefits to the whole county. Similarly, the projects identified in the Master Plan were developed to benefit the county as a whole and therefore South County, even when they are not physically located in South County. For instance, the recycled and purified water project will recharge purified wastewater at Los Gatos groundwater recharge ponds, which will in turn free up imported water supplies that are currently used in Los Gatos ponds to be used in South County recharge facilities. The storage projects, including Pacheco expansion and Seismic retrofit of several local reservoirs, will allow Valley Water to store more surplus water during wet years and increase the flexibility to use those supplies more effectively during water shortages, such as droughts. These projects support South County's water supply reliability even though South County will not get direct supply from them.

### **Opportunities in South County**

The Master Plan also recommends projects that provide direct supply to South County or that are located in South County. The Delta Conveyance Project (DCP) is a state-led project that aims to develop new diversion and conveyance facilities in the Delta to restore and protect the reliability of State Water Project (SWP) water deliveries. Valley Water is currently a project partner and is considering potential project investment to secure Valley Water's existing SWP supply. Some of the additional supply provided by DCP would be used in South County recharge facilities. In addition, through the Master Plan, Valley Water is evaluating a new South County recharge facility to allow for quicker Llagas Sub-basin groundwater recovery post-drought. Valley Water is also evaluating the feasibility of a Flood-Managed Aquifer Recharge (Flood-MAR) program in Santa Clara County. A Flood-MAR program, if implemented, would incentivize land owners and managers to increase the recharge of stormwater and excess streamflow on open space. If deemed feasible, the Flood-MAR program would include projects in South County.

### **Collaboration and Coordination**

Valley Water has enjoyed great collaboration with South County on many issues to advance Valley Water's goal of providing safe and clean water to Santa Clara County. During the development of demand projections for the Master Plan and the 2020 MAP, Valley Water worked closely with South

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County's planning departments to understand their growth assumptions and how they may impact future demands. To help reduce water demand, Valley Water has partnered with South County on promoting water conservation over time. South County agencies were among the first to answer the Board's current drought-related call for water use reduction. The past and ongoing collaboration and coordination provide opportunities for mutual understanding and partnership toward achieving Valley Water's level of service goal for the county.

**Next steps**

Valley Water will continue to work with stakeholders across the county to use the Master Plan and annual MAP reports to guide its long-term water supply planning efforts and inform the Board on investment decisions. This process includes monitoring project costs and benefits, water demands, climate change science, policy or regulatory actions, and making adjustments to the water supply investment strategy as needed to ensure a reliable water supply for the county.

**ATTACHMENTS:**

Attachment 1: PowerPoint

**UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138



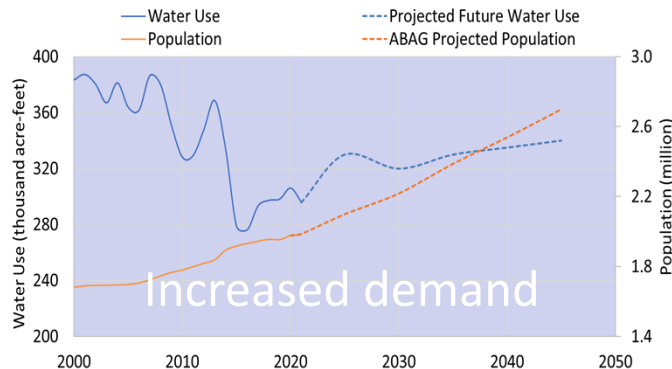


# Water Supply Master Plan and South County Opportunities



# Goals of Water Supply Planning

Comprehensive evaluation of Valley Water needs and goals, and investment strategies to ensure long-term water supply reliability





# “Ensure Sustainability” Strategy



Secure  
existing supplies  
and  
infrastructure

Expand  
water conservation  
and reuse

Optimize  
the use of  
existing system

# Master Plan Recommended Projects

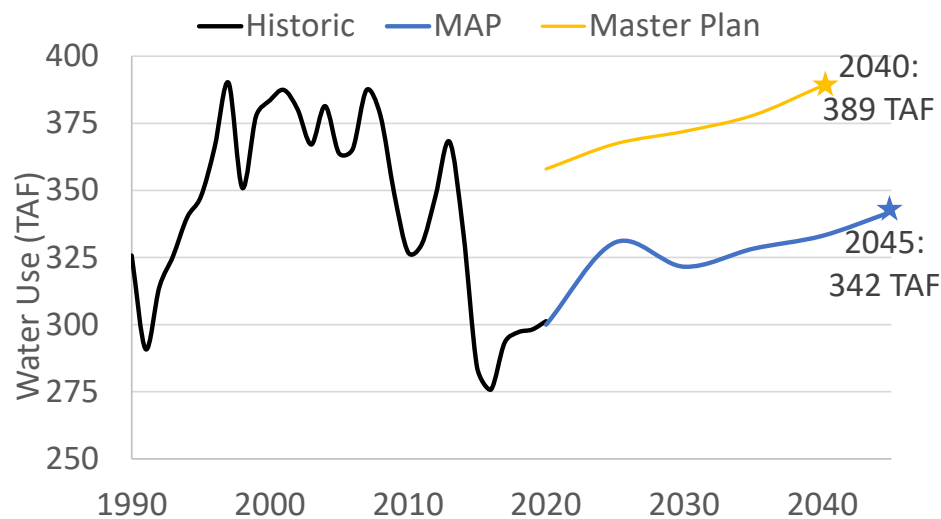
- Baseline Projects<sup>1</sup>
- Delta Conveyance Project
- Additional Conservation & Stormwater Projects
- Potable Reuse
- Pacheco Reservoir Expansion
- Transfer-Bethany Pipeline
- South County Recharge

<sup>1</sup> Dam seismic retrofits, Rinconada Water Treatment Plan reliability improvement project, 10-year pipeline rehabilitation program, Vasona pumping plan upgrade, 100,000 AFY water conservation savings by 2030, and approximately 25,000 AFY of non-potable recycled water.

# MAP 2020 and 2021

Track Water Supply Master Plan implementation and provide mechanism to update the implementation strategy as needed.

## Historic and Forecasted Demands



# South County Opportunities

- Delta Conveyance Project
- South County Recharge
- Flood-Managed Aquifer Recharge (Flood-MAR) Program
- Anderson Seismic Retrofit
- Pacheco Reservoir Expansion
- Collaboration and Coordination



# QUESTIONS



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# Santa Clara Valley Water District

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**File No.:** 22-0335

**Agenda Date:** 4/6/2022

**Item No.:** 5.3.

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

### **SUBJECT:**

Water Shortage Emergency Condition and Call for Conservation.

### **RECOMMENDATION:**

Receive information on Water Shortage Emergency Condition and Call for Conservation.

### **SUMMARY:**

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

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, 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 a minimum of 10 years. If dry conditions continue and Valley Water's water use reduction target is not met, there remains 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. 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 has been conducting a wide array of efforts to meet the water use reduction target of 15% compared to 2019, including coordinating with cities and retailers to implement water use restrictions, public messaging, agricultural outreach, and water conservation program implementation and

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expansion. An update on these efforts will be provided (Attachment 1.)

**ATTACHMENTS:**

Attachment 1: PowerPoint

**UNCLASSIFIED MANAGER:**

Kirsten Struve, 408-630-3138



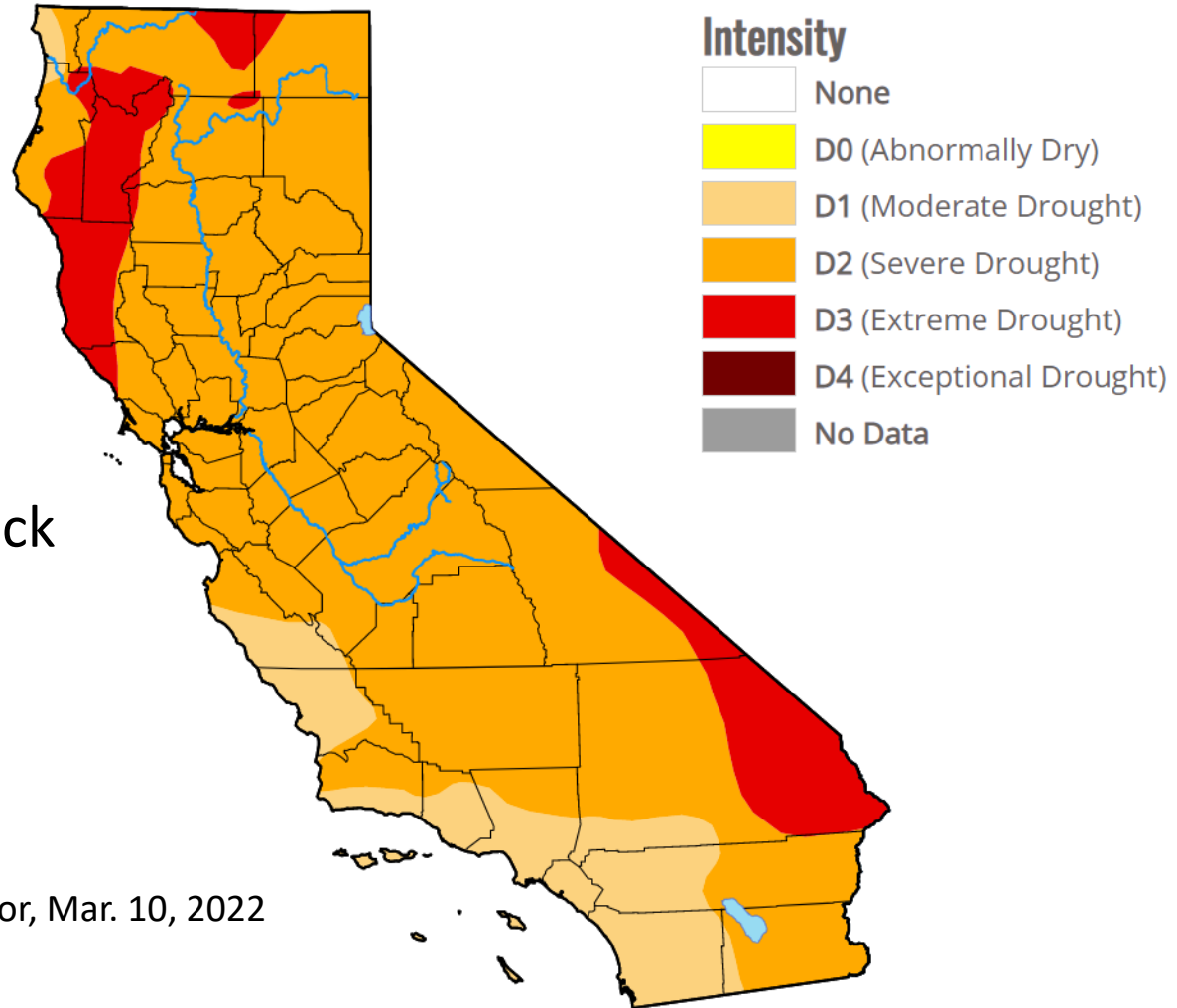
# Water Shortage Emergency Condition and Call for Conservation

Joint Water Resources Committee with Cities of Morgan Hill and Gilroy  
April 6, 2022

# Drought Status

Below normal snowpack  
and reservoir levels

Data source: U.S. Drought Monitor, Mar. 10, 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

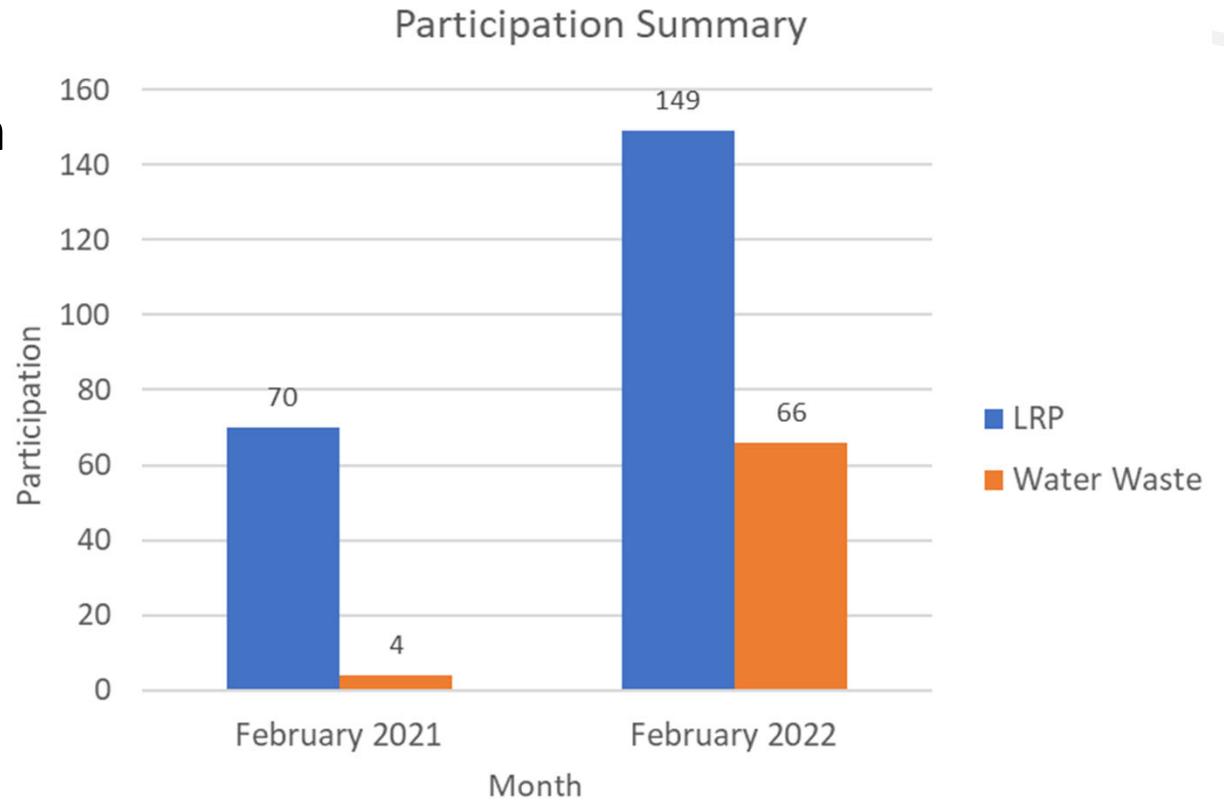
# Drought and Conservation Public Outreach

- 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



## 2022 Imported Water Supplies

### Low allocations

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

# Groundwater

7

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

# QUESTIONS







# Santa Clara Valley Water District

File No.: 22-0333

Agenda Date: 4/6/2022

Item No.: 5.4.

## COMMITTEE AGENDA MEMORANDUM

### Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA

#### SUBJECT:

Review 2022 Joint Water Resources Committee Work Plan.

#### RECOMMENDATION:

- A. Review the 2022 Joint Water Resources Committee Work Plan, and make adjustments as necessary; and
- B. Select a date for the next Joint Water Resources Committee meeting.

#### SUMMARY:

Work Plans are created and implemented by all Board Committees to increase Committee efficiency, provide advanced public notice of intended Committee discussions, and enable staff to prepare for meetings and respond to Committee direction. Work Plans are dynamic documents managed by Committee Chairs and are subject to change. Committee Work Plans also serve to assist in the preparation of Annual Committee Accomplishments Reports.

The 2022 Joint Water Resources Committee (JWRC) Work Plan contains topics for discussion 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.

The 2022 JWRC Work Plan contained in Attachment 1 is presented for the Committee's review and to determine additional topics for future meeting discussions.

#### 2022 Remaining Meeting Schedule:

Regular quarterly meetings shall convene at 9:00 a.m., or following adjournment of South County Regional Wastewater Authority (SCRWA) on the first Wednesday for the last two quarters in July and October, or at the call of the Committee Chair.

The remaining 2022 JWRC meeting dates are:

- Wednesday, July 6, 2022
- Wednesday, October 5, 2022

Establishing a meeting schedule is necessary to provide staff a basis for meeting planning, preparation of agenda items and coordination of logistics.

**ATTACHMENTS:**

Attachment 1: 2022 JWRC Work Plan

**UNCLASSIFIED MANAGER:**

Candice Kwok-Smith, 408-630-3193

## 2022 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				X						X		
South County Water Reuse Collaboration and Implementation	X			X			X			X		
Santa Clara County Drought Conditions				X			X			X		
<b>STANDING ITEMS</b>												
Elect Committee Chair (Annually)				X								
Approval of Meeting Minutes	X			X			X			X		
Review Committee Work Plan	X			X			X			X		

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**04/06/2022**

**From:** D. Muirhead <[doug.muirhead@stanfordalumni.org](mailto:doug.muirhead@stanfordalumni.org)>

**Sent:** Sunday, April 3, 2022 9:36 PM

**To:** Natalie Dominguez <[ndominguez@valleywater.org](mailto:ndominguez@valleywater.org)>

**Cc:** Council Spring <[rene.spring@morganhill.ca.gov](mailto:rene.spring@morganhill.ca.gov)>; Council McKay <[john.mckay@morganhill.ca.gov](mailto:john.mckay@morganhill.ca.gov)>

**Subject:** comment Joint Water Resources Committee April 6 #5.1 & #5.2

Hello Joint Water Resources Committee for South County,  
Comments for your April 6 meeting:

Item #5.1 South County Water Reuse Collaboration and Implementation.

Item #5.2 Water Supply Master Plan and South County Opportunities

---

### **Item #5.1 South County Water Reuse Collaboration and Implementation**

- 1) I attended your last meeting and remember the Committee requesting monthly reports on the TWG meetings since you only meet quarterly.

"Provide future TWG reports in a written and/or visual format"

Since I assumed, but the Committee did not specifically direct, that the public would also receive those reports, if they are being distributed off-agenda, they should be included in the quarterly meeting packet.

It is only because District Clerks still produce comprehensive text minutes that anyone not listening to the original meeting is able to learn what TWG has been doing. Thank you Natalie Dominguez.

- 2) Still no sense of urgency. What is the next actual deliverable and date from TWG?
- 3) The Committee also requested that members receive an executive summary and copy of all partnering agreements related to this subject matter. In order for the public to have the same information that the Committee uses to make its decisions, those should have been included in the April packet.
- 4) I am so tired of your claim that the three agencies have a "long history of collaboration to ensure the utilization and expansion of water reuse in South County" This is at best a half-truth and definitely misleading. The 2015 South County Recycled Water Master Plan Update May 2016 provided that Gilroy had and would continue to have recycled water while Morgan Hill did not and would not have recycled water.

---

### **Item #5.2 Water Supply Master Plan and South County Opportunities**

Under Opportunities in South County, the staff report says

The Delta Conveyance Project (DCP) is a state-led project that aims to develop new diversion and conveyance facilities in the Delta to restore and protect the reliability of State Water Project (SWP) water deliveries. My understanding over the last several years is that DCP provides no new water. The staff report says Some of the additional supply provided by DCP would be used in South County recharge facilities.

Please provide some detail about this additional supply since I do not see where it comes from.

---

Thank you for your consideration, Doug Muirhead, Morgan Hill

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