



SOUTH COUNTY REGIONAL
WASTEWATER AUTHORITY

August 28, 2019

NOTICE OF MEETING – REQUEST FOR RSVPS

Members of the Joint Water Resources Committee (City of Gilroy, City of Morgan Hill, and Valley Water)

Santa Clara Valley Water District (Valley Water):

Hon. Richard P. Santos, District 3, Committee Chair
Hon. John L. Varela, District 1

City of Gilroy:

Hon. Marie Blankley, Mayor Pro Tempore
Hon. Dion Bracco, Council Member and SCRWA Board Vice Chairman

City of Morgan Hill:

Hon. Larry Carr, Council Member, District A. SCRWA Board Chairman, and Committee Vice Chair
Hon. Rene Spring, Council Member and SCRWA Board Vice Chairman

SCRWA = South County Regional Wastewater Authority

A meeting of the Joint Water Resources Committee (City of Gilroy, City of Morgan Hill, and Valley Water) will take place at 8:30 a.m. (directly following the SCRWA meeting) on Wednesday, September 4, 2019, **at the South County Regional Wastewater Authority Conference Room, 1500 Southside Drive, Gilroy, CA 95020.**

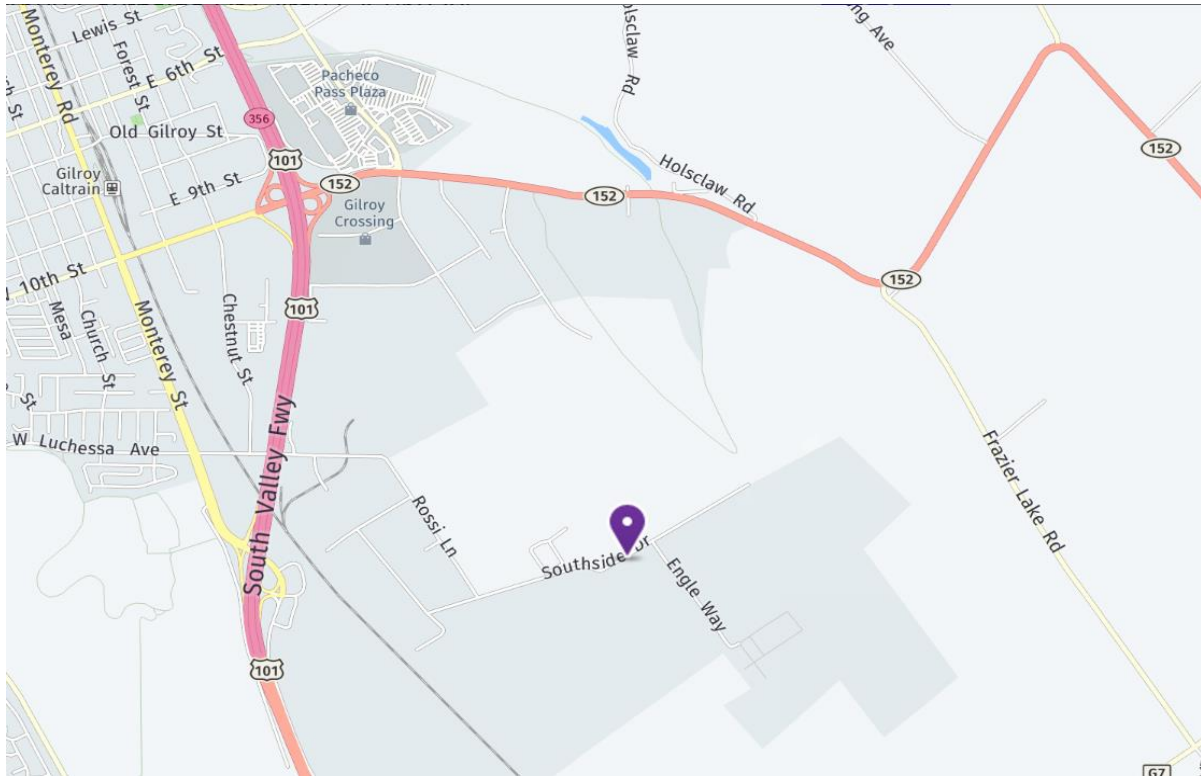
Enclosed for your convenience is a copy of the agenda and corresponding materials. Please bring these materials to the meeting with you.

Please RSVP at your earliest convenience by calling Glenna Brambill at 1-408-630-2408, or by email to gbrambill@valleywater.org

Santa Clara Valley Water District
Office of the Clerk of the Board

Enclosures

**SOUTH COUNTY REGIONAL WASTEWATER AUTHORITY MAP
1500 SOUTHSIDE DRIVE
GILROY CA 95020
(408) 848-0480**



From District:

Go North on Almaden Expressway
Turn right onto Hwy 85 South
To Hwy 101 South to Gilroy
Take exit 356 toward CA 152 East/10th St.
Turn right onto East 10th St.
Turn left onto Automall Parkway
Turn left onto East Luchessa Ave
Continue on --name changes to Rossi Ln
Turn left onto Southside Dr.
SCRWA is on the right side (1500)
{cross street Engle Way}



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

**South County Regional Wastewater Authority
Conference Room
1500 Southside Drive
Gilroy CA 95020**

**REGULAR MEETING
AGENDA**

**Wednesday, September 4, 2019
8:30 AM**

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

Director District 3 Richard Santos

Director District 1 John L. Varela

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

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

Wednesday, September 4, 2019

8:30 AM

South County Regional Wastewater Authority
Conference Room, 1500 Southside Drive
Gilroy CA 95020.

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: This item is reserved for persons desiring to address the Committee on any matter not on this agenda. Members of the public who wish to address the Committee on any item not listed on the agenda should complete a Speaker Form and present it to the Committee Clerk. The Committee Chair will call individuals in turn. 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.

[19-0787](#)

Recommendation: Approve the June 5, 2019, Meeting Minutes

Manager: Michele King 408-630-2711

Attachments: [Attachment 1: 060519 Jt Water Resources Comm Draft Mins](#)

4. ACTION ITEMS:

4.1. Sustainable Groundwater Management Act (SGMA) Update.

[19-0788](#)

Recommendation: This is a discussion item and no action is required. However, the Committee may provide comments for Board consideration.

Manager: Garth Hall, 408-630-2750

Attachments: [Attachment 1: PowerPoint](#)

Est. Staff Time: 15 Minutes

- 4.2. Update on Countywide Water Reuse Master Plan. [19-0790](#)

Recommendation: This is a discussion item and no action is required. However, the Committee may provide comments for Board consideration.

Manager: Jerry De La Piedra, 408-630-2257

Attachments: [Attachment1: PowerPoint Presentation](#)

Est. Staff Time: 15 Minutes

- 4.3. Review Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA Committee Work Plan, the Outcomes of Board Action of Committee Requests; and the Committee's Next Meeting Agenda. [19-0791](#)

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

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 2019 Jt Wtr Resources Work Plan](#)

[Attachment 2: 120419 Jt Wtr Res Comm DRAFT Agenda](#)

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

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

6. ADJOURN:

- 6.1. Adjourn to Regular Meeting at 8:30 a.m., on December 4, 2019, in the South County Regional Wastewater Authority Conference Room, 1500 Southside Drive, Gilroy, CA 95020.

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Santa Clara Valley Water District

File No.: 19-0787

Agenda Date: 9/4/2019
Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA

SUBJECT:

Approval of Minutes.

RECOMMENDATION:

Approve the June 5, 2019, 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: 060519 Jt Water Resources Comm Draft Mins

UNCLASSIFIED MANAGER:

Michele King 408-630-2711

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

DRAFT MINUTES

**WEDNESDAY, JUNE 5, 2019
8:30 AM**

(Paragraph numbers coincide with agenda item numbers)

A meeting of the Joint Water Resources Committee (City of Gilroy, City of Morgan Hill and Valley Water) (Committee) was held on June 5, 2019, at the South County Regional Wastewater Authority Conference Room, 1500 Southside Dr., Gilroy, California.

1. CALL TO ORDER/ROLL CALL

A meeting of the Joint Recycled Water Committee (City of Gilroy, City of Morgan Hill and Valley Water) was called to order by Committee Chair Hon. Richard P. Santos at 8:41 a.m.

Committee Members in attendance were: City of Gilroy Council Members: Hon. Marie Blankley and Hon. Dion Bracco, City of Morgan Hill Council Members: Hon. Rene Spring; Valley Water Directors: Hon. Richard P. Santos, District 3, and Hon. John L. Varela, District 1.

Valley Water Staff members in attendance were: Glenna Brambill, George Cook, Victor Gutierrez, Garth Hall, Anthony Mendiola and David Tucker.

City of Gilroy Staff Members in attendance were: Gabriel Gonzalez and Saeid Vaziry.

City of Morgan Hill Staff Members in attendance were: Chris Ghione and Dan Repp.

Public Attendees: Sharon Luna (SMNA) and Billy Wong (Stantec)

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

There was no one present who wished to speak.

3. APPROVAL OF MINUTES

3.1 APPROVAL OF MINUTES

It was moved by Hon. Rene Spring, seconded by Hon. John L. Varela, and unanimously carried, to approve the minutes of the March 6, 2019, Joint Water Resources Committee (City of Gilroy, City of Morgan Hill and Valley Water) meeting, as presented.

4. ACTION ITEMS

4.1 OPEN SPACE CREDIT

Mr. Anthony Mendiola reviewed the materials as outlined in the agenda item.

The Committee discussed the following items: finding viable solutions to sustaining the open space credit, overall budget for ag users, ad valorem tax, continued support for agricultural businesses, having a follow up for September meeting with invited stakeholders and guests (Farm Bureau, Open Space Authority, Loma Prieta, Chamber of Commerce and agricultural experts) and keeping this as a standing agenda item moving forward

The Committee took no action; however, the Committee would like to have this agenda item return for the next meeting, inviting Paul Mirassou, Andrea Mackenzie, Jess Brown and experts in agriculture to further discuss the sustainability aspect of open space credit.

4.2 UPDATE ON DAM PROJECTS

Mr. Victor Gutierrez reviewed the materials as outlined in the agenda item.

The Committee discussed the following items: Anderson on target, regulators delay projects while Valley Water is ready to proceed, this is a huge project and the timeline is confusing.

The Committee took no action.

4.3 REVIEW JOINT WRC WITH CITIES OF GILROY/MORGAN HILL/SCRWA 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 item.

The Committee discussed the following items: water supply strategy studies conducted by the City of Gilroy and Morgan Hill as Water Retailers, unincorporated areas, County's engagement, invite the County for September's meeting to have them review their County-wide Master Plan to see if it includes the unincorporated areas for discussion. Ms. Sharon Luna of the San Martin Neighborhood Association has been asking for a "voice" on SCRWA and the Joint Water Resources Committees so the Committee would like to have a 'preliminary' discussion on this item since the South County Treatment Plant item is not ready, add SGMA update so the Committee can be kept up-to-date.

Place on next meeting's agenda: SGMA Update, Open Space Credit discussion with invited guests and the County's Master Plan for discussion.

The Committee took no action.

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE ACTIONS

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

6. ADJOURN

Chair Hon. Richard P. Santos adjourned at 9:19 a.m. to the next meeting on September 4, 2019.

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

Approved:

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Santa Clara Valley Water District

File No.: 19-0788

Agenda Date: 9/4/2019

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA

SUBJECT:

Sustainable Groundwater Management Act (SGMA) Update.

RECOMMENDATION:

This is a discussion item and no action is required. However, the Committee may provide comments for Board consideration.

SUMMARY:

The Joint Water Resources Committee has requested information about the Sustainable Groundwater Management Act (SGMA). In September 2014, SGMA was enacted by the State of California to promote the local, sustainable management of groundwater. For each basin designated as medium or high priority by the California Department of Water Resources (DWR), SGMA requires the local Groundwater Sustainability Agency (GSA) to develop and implement a Groundwater Sustainability Plan (GSP) or Alternative Plan.

SGMA designates the Santa Clara Valley Water District (Valley Water) as the exclusive local groundwater management agency within its statutory boundary of Santa Clara County. Valley Water's 2016 Groundwater Management Plan for the Santa Clara and Llagas Subbasins, submitted as an Alternative Plan, was approved by DWR in July 2019.

Valley Water has sustainably managed local groundwater for many decades through comprehensive water management and the authorities provided by the Santa Clara Valley Water District Act. Therefore, SGMA is not expected to result in significant changes in Santa Clara County. However, SGMA represents a paradigm shift in basins where long-term overdraft and other unsustainable conditions will require local action or result in state intervention if local efforts fail.

BACKGROUND:

In 2014, SGMA was enacted as California's first comprehensive, statewide regulatory program for groundwater. SGMA compliance is required for all groundwater basins classified by DWR as high or medium priority. Factors used for prioritization include population, groundwater reliance, irrigated acreage, and groundwater impacts. Per DWR, the prioritization is meant to indicate the relative importance of groundwater in a basin, rather than to assess groundwater management. The initial 2015 basin prioritization is periodically reassessed after DWR approval of basin boundary modifications. Based on the 2019 prioritization (which includes both final and pending results), 94 of

the state's 515 basins are identified as high or medium priority.

SGMA required the formation of GSAs in high and medium priority basins by June 30, 2017. Over 260 GSAs in over 140 basins were formed by this initial planning milestone. Per DWR, as SGMA continues to be implemented and the priorities and boundaries of some basins change, new GSAs will be formed, and existing GSAs may want to reorganize, consolidate, or withdraw from managing in all or part of a basin.

SGMA also requires the development and implementation of GSPs or Alternative Plans, which include measurable objectives and describe how groundwater basins will be managed to reach long term sustainability. Alternative Plans were due by January 1, 2017, and DWR recently approved nine of the fifteen Alternative Plans that were submitted. GSPs are due in January 2020 for critically over-drafted basins and in January 2022 for remaining high and medium priority basins. Local agencies must address overdraft, balance levels of pumping and recharge, and reach sustainability within 20 years of implementing their GSPs (e.g., 2040 for critically-overdrafted basins).

Upon adopting a GSP or Alternative Plan and submitting it to DWR, SGMA provides GSAs with various authorities to ensure groundwater use does not cause undesirable results. Under SGMA, the following conditions constitute an undesirable result if they are determined to be significant and unreasonable: chronic lowering of groundwater levels, reduction of groundwater storage, seawater intrusion, degraded water quality, land subsidence, or depletion of interconnected surface water. GSA authorities under SGMA include the ability to implement and fund projects, to require the measurement of groundwater pumping, and to limit or restrict pumping, among others.

There are five subbasins entirely or partially located within Santa Clara County. Valley Water is the GSA for the two largest (Santa Clara and Llagas), which are both high priority basins that fall entirely within Valley Water's jurisdiction. In December 2016, Valley Water submitted the Groundwater Management Plan for the Santa Clara and Llagas Subbasins to DWR as an Alternative Plan to a GSP. The plan was approved by DWR in July 2019 for both subbasins, confirming it satisfies SGMA objectives. Five-year updates are required, with the next update due to DWR in January 2022.

The medium-priority North San Benito Subbasin has small portions in Santa Clara County but is primarily located in San Benito County. As the GSA for the areas in Santa Clara County, Valley Water is supporting San Benito County Water District's efforts to develop a GSP by January 2022. The San Mateo Plain Subbasin, which includes a small portion in Santa Clara County, was designated very low priority and is not subject to SGMA.

Valley Water's existing groundwater management framework has maintained sustainable groundwater conditions over many decades, and SGMA is not expected to prompt any fundamental changes locally. This proven framework, including strong collaboration with stakeholders, is the preferred approach to address future challenges. However, new SGMA authorities, such as the ability to control pumping, are available as potential tools if the need arises. After extensive stakeholder and Board committee discussion, a process to regulate pumping (if needed) was developed; this was adopted by the Valley Water Board in 2018. The process relies on pumping controls as a last resort only after collaborative, voluntary efforts fail. Given the long history in and commitment to

groundwater management, Valley Water expects sustainable conditions to continue locally.

For California basins with long-term overdraft, land subsidence, or other undesirable results, SGMA will require major changes in how groundwater is used and managed. Related GSPs will have to identify how local agencies will address these issues and balance the basin water budget through reduced pumping, increased recharge, and/or land use changes (e.g., fallowing).

ATTACHMENTS:

Attachment 1: PowerPoint

UNCLASSIFIED MANAGER:

Garth Hall, 408-630-2750

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Sustainable Groundwater Management Act

Presented by: Vanessa De La Piedra, Unit Manager



Sustainable Groundwater Management Act (SGMA)

- Statewide framework with focus on local control:
 - Groundwater Sustainability Agencies (GSA)
 - Groundwater Sustainability Plans (GSP) or Alternatives
- State intervention if local efforts fail

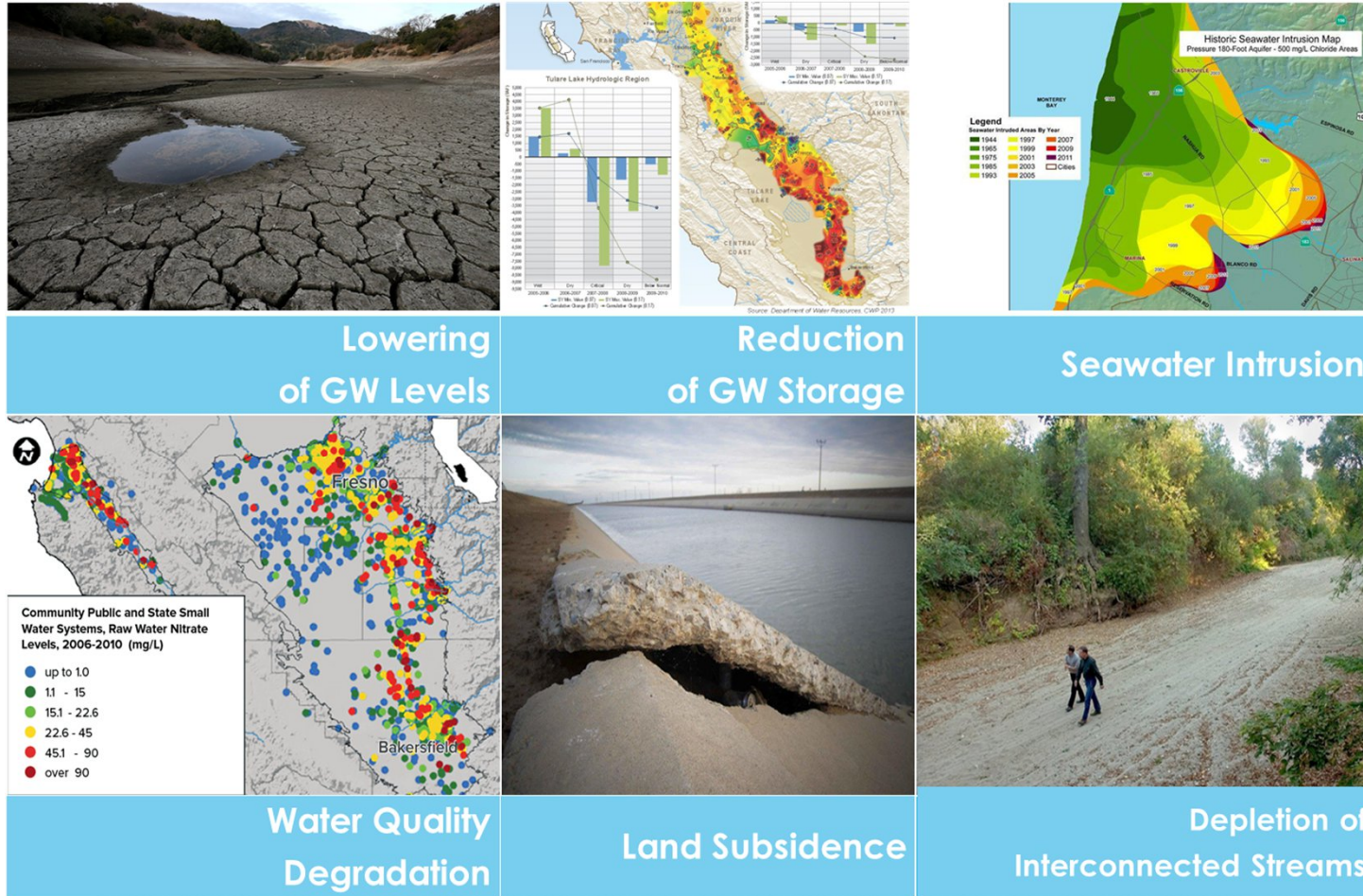


"A central feature of these bills is the recognition that groundwater management in California is best accomplished locally."

Governor Jerry Brown, September 2014

Focus on preventing undesirable results

3



valleywater.org

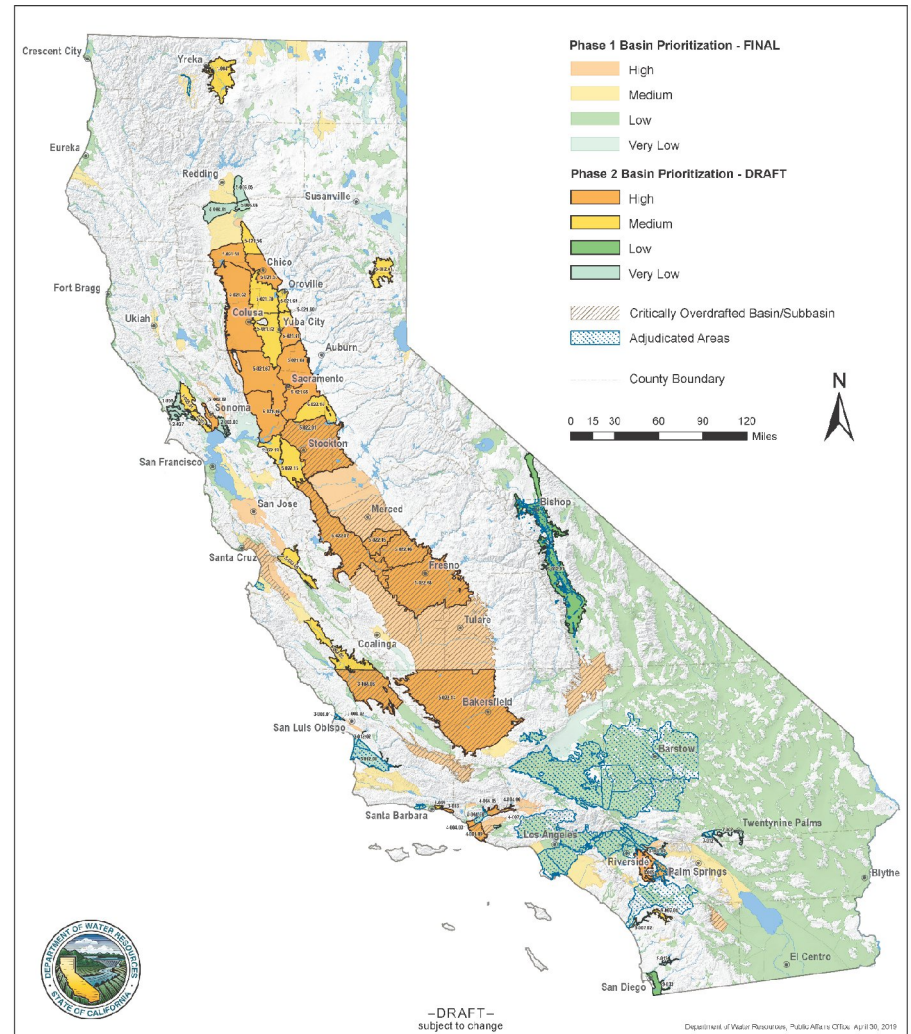


Source: DWR

Basins subject to SGMA

- 94 high and medium priority basins (account for most GW use)
- DWR ranking based on population, wells, groundwater reliance, and other factors
- All parts of these basins must be managed

Statewide Map of SGMA 2019 Basin Prioritization Results



SGMA – where are we now?

- 15 Alternatives to GSPs submitted (Jan. 2017 deadline)
- GSAs identified in most basins (99%), avoiding state intervention (June 2017 deadline)
- 9 Alternatives approved by DWR (July 2017)
- Next challenge is developing GSPs by January 2022 (2020 for critically overdrafted basins)
- In some basins, many GSAs will have to work together to develop and implement GSPs

Santa Clara County Subbasins

San Mateo Plain
(Very Low Priority)



District SGMA compliance

- Alternative Plan for Santa Clara and Llagas Subbasins approved
- Next update due January 2022
- Supporting San Benito County Water District GSP for North San Benito Subbasin (due January 2022)

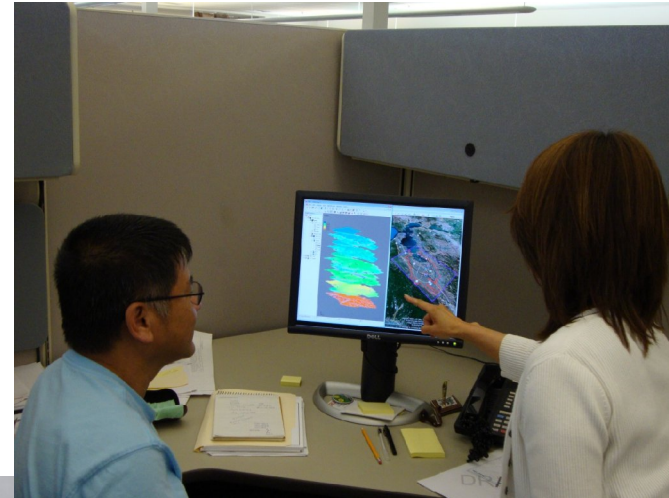


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valleywater.org

How does SGMA change what we do?

- No fundamental change in Santa Clara and Llagas Subbasins due to sustainable management
- Coordinate with other agencies to manage overlapping basins
- Work to better understand groundwater/surface water interaction



What we've learned

- New authorities caused significant concern, even those not proposed to be implemented
- Extensive stakeholder discussion on process to regulate pumping (if needed) through Board committee
- Stakeholder engagement is key!

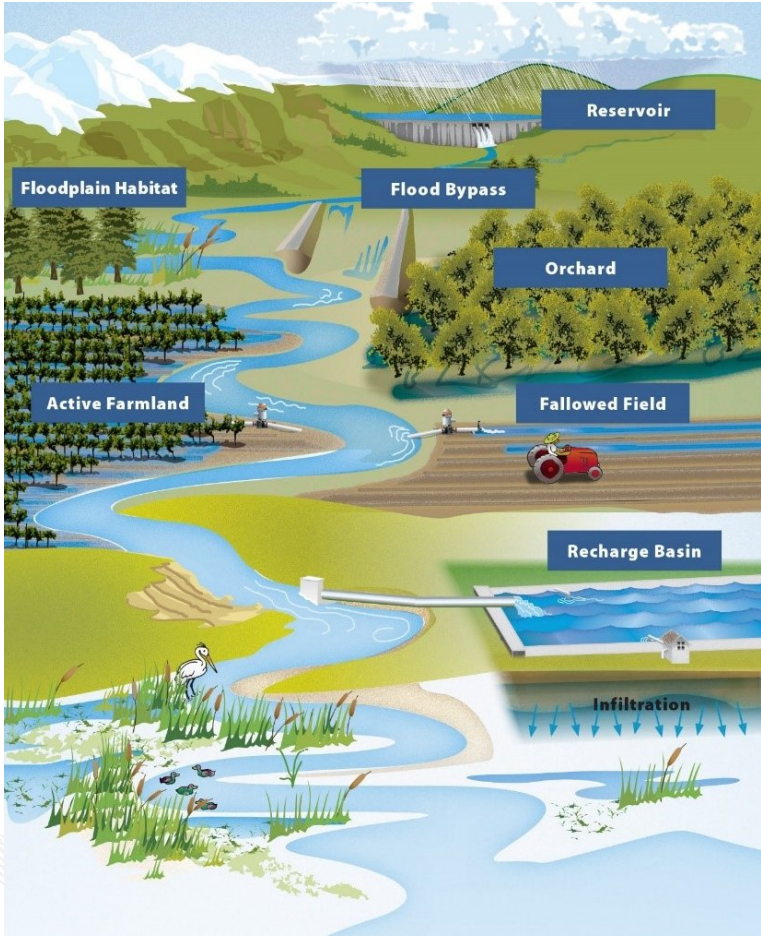
**BOARD OF DIRECTORS
SANTA CLARA VALLEY WATER DISTRICT**

RESOLUTION NO. 18- 04

**RESOLUTION MEMORIALIZING THE PROCESS TO REGULATE
GROUNDWATER EXTRACTION UNDER THE SUSTAINABLE GROUNDWATER
MANAGEMENT ACT, IF NEEDED**

What does SGMA mean for other basins?

- “Game changer” in many areas
- Challenges include:
 - Limited funding and/or data
 - Coordination of multiple agencies and plans
 - Tough decisions on how to address problems
- Achieving sustainability may require:
 - Pumping regulation
 - Land use changes (e.g., temporary fallowing or permanent decline in ag)
 - Increased recharge (e.g., ag land flooding)



Summary

- Groundwater in Santa Clara County continues to be sustainably managed
- SGMA gives us potential new tools and will lead to a better understanding of our basins
- Collaboration with basin stakeholders is key to success





Valley Water

Clean Water • Healthy Environment • Flood Protection



Santa Clara Valley Water District

File No.: 19-0790

Agenda Date: 9/4/2019

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA

SUBJECT:

Update on Countywide Water Reuse Master Plan.

RECOMMENDATION:

This is a discussion item and no action is required. However, the Committee may provide comments for Board consideration.

SUMMARY:

On March 6, 2019, staff provided the Joint Water Resources Committee (Committee) with an update of the Santa Clara Valley Water District's (Valley Water) Countywide Water Reuse Master Plan (Reuse Master Plan) that aims to improve water supply reliability through water reuse in collaboration with recycle water producers, wholesalers, retailers, users, and other interested parties. During this meeting staff discussed roles and responsibilities, regulatory framework, baseline technical information, project portfolio development and direct potable reuse opportunities. This item will provide an update on the Reuse Master Plan, which now incorporates improvements adopted by Valley Water's Board of Directors on June 11, 2019.

Current efforts of the Reuse Master Plan are focused on developing and evaluating the viability of the three recommended project portfolios based on preliminary one percent level of design (1% design). Important considerations as staff continues the planning process include:

- The portfolios include independent project elements that may be mixed/matched for planning purposes;
- The portfolios will be developed for maximum project flexibility;
- The Reuse Master Plan will involve an assessment of treated water augmentation (TWA) requirements and opportunities; and
- The revised schedule allows for increased stakeholder review time and added more collaboration opportunities.

The revised scope of the consultant agreement involves developing recommended alignments and infrastructure for each project element (i.e. pre-engineering (1% design) depicting facility locations and/or pipeline alignments) that are intended to facilitate discussion, collaboration and confirmation before preparing preliminary 10% project designs (10% design). These 10% designs will document existing conditions and develop engineering/technical information to allow objective assessments of the advantages and limitations of each project alternative. An economic assessment of the 10% designs will be undertaken to consider the cost of the water supply source, capital investments, and operations and maintenance costs (including 30- and 100-year lifecycle replacement costs) of the

associated infrastructure.

On August 13, 2019, the Project Partner Group (PPG) convened to review the 1% designs and provide feedback to Valley Water before the planning process continues forward with 10% design. Staff will provide the Committee the results of these PPG discussions, as well as other major comments received regarding the preliminary 1% designs for portfolio project elements. Staff will also provide an update of our Reverse Osmosis Concentrate (ROC) Management Program, a critical component of the Reuse Master Plan to properly manage the concentrated salt stream formed when producing advanced purified water for potable reuse.

NEXT STEPS:

Staff will revise the preliminary 1% designs based on comments from the stakeholders, including the PPG, before initiating further engineering and technical analysis. Staff will then proceed with the preparation of 10% project designs and an American Association of Cost Engineering (AACE) Class V cost analysis for completion by late September 2019. The 10% designs will include corresponding ROC management solutions (including 10% design and AACE Class V cost estimates) for each portfolio currently under development. Staff is also planning a follow-up stakeholder meeting for October 2019 to discuss these 10% designs and ancillary cost analyses before beginning preparation of Draft Reuse Master Plan Report.

ATTACHMENTS:

Attachment 1: PowerPoint

UNCLASSIFIED MANAGER:

Jerry De La Piedra, 408-630-2257



Valley Water

Clean Water • Healthy Environment • Flood Protection

**Update on
Countywide Water Reuse Master Plan
and
Reverse Osmosis Concentrate Management Plan**

Agenda

Countywide Water Reuse Master Plan (CWRMP)

- Milestones
- Timeline
- Stakeholder Meetings

Project Partnership Group (PPG) Meeting

Reverse Osmosis Concentrate Management Plan (ROCMP)

- 10% Design
- Grant

CWRMP Update

Milestones

- Maximum Flexibilities
- Treated Water Augmentation
- Grant Preparation
- Additional Stakeholder Review

Timeline

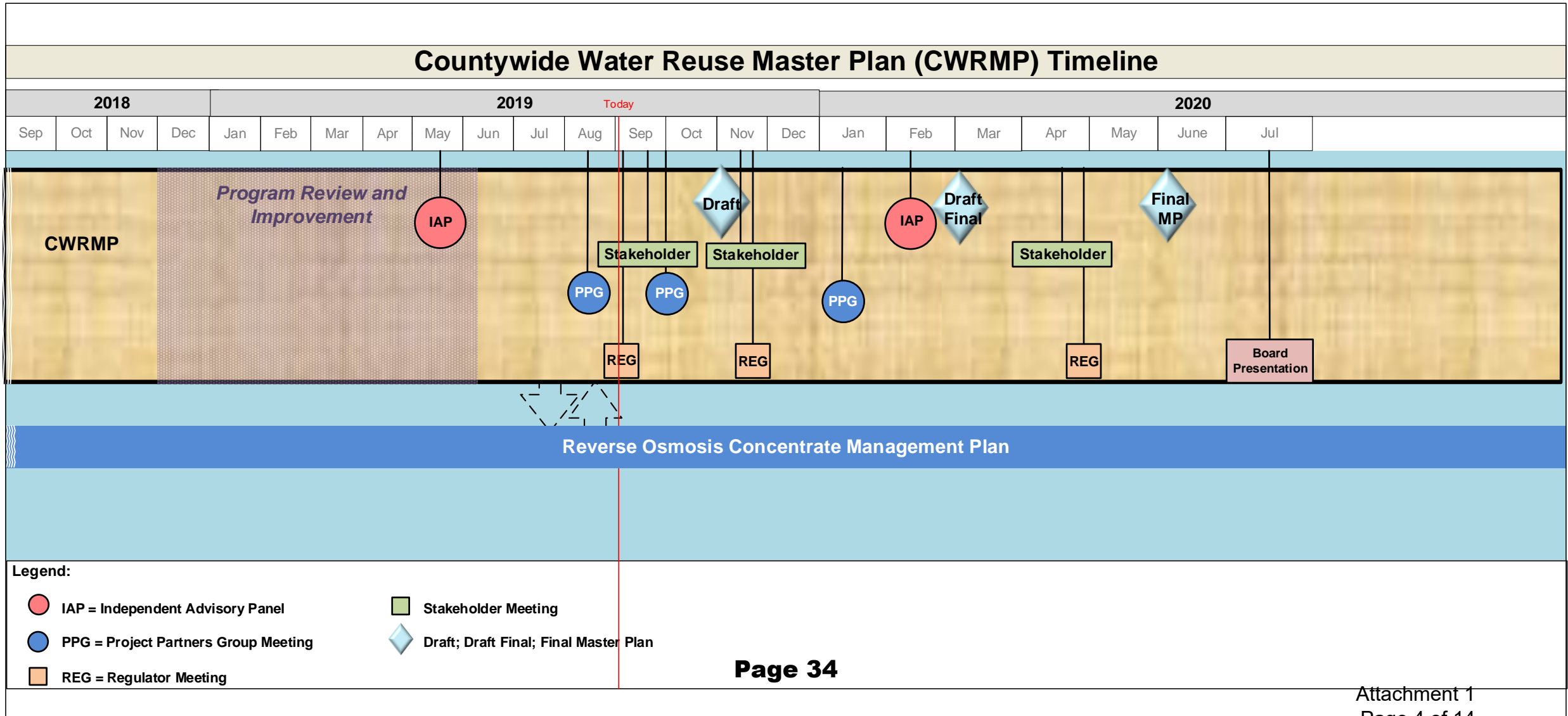
- Draft Master Plan (December 2019)

Stakeholder Meetings

- Regulatory meetings **Page 33**



Project Schedule through Completion



PPG Meeting #5

Meeting Guidelines

- Purpose and Guidelines
- Current Status and Assumptions
- Reuse Opportunities and Treatment

Comparison of Portfolios

- Conceptual and 1% Design
- Facility Sizes, Locations & Alignments

Stakeholder Feedback



Comparison of Portfolios

- Develop 24,000 AFY of potable reuse by 2028.
- Expand countywide reuse using source water from Project Partners.
- Maximizing flexibility by leveraging existing infrastructure with new projects.
- Reflect a mix of non-potable (NPR) and potable reuse (PR).

1a

Facility Sizes, Locations, and Alignments

Palo Alto RWQCP
Palo Alto
2.25 MGD

Sunnyvale WPCP

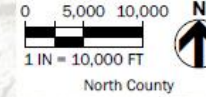
Sunnyvale/SBWR 30"

SJ/SC RWF

Sunnyvale
1.2 MGD

Expanded 24 MGD; Existing
8 MGD

Penitencia WTP



Additional NPR
in Palo Alto

Additional NPR
in Mountain
View

Mountain View/
Sunnyvale 16"

Additional NPR
in Sunnyvale

Additional NPR
in SBWR

Legend

- Existing Recycled Water Pipeline
- Proposed Recycled Water Intertie
- Proposed Purified Water Pipeline
- Purified Water Tank
- Recycled Water Tank
- AWPF for Potable Reuse
- AWPF for Non-Potable Reuse

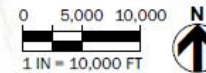
Los Gatos 48"

Los Gatos Recharge Ponds

Rinconada 30" (future)

Rinconada WTP

NPR in
Morgan Hill



SCRWA WWTP

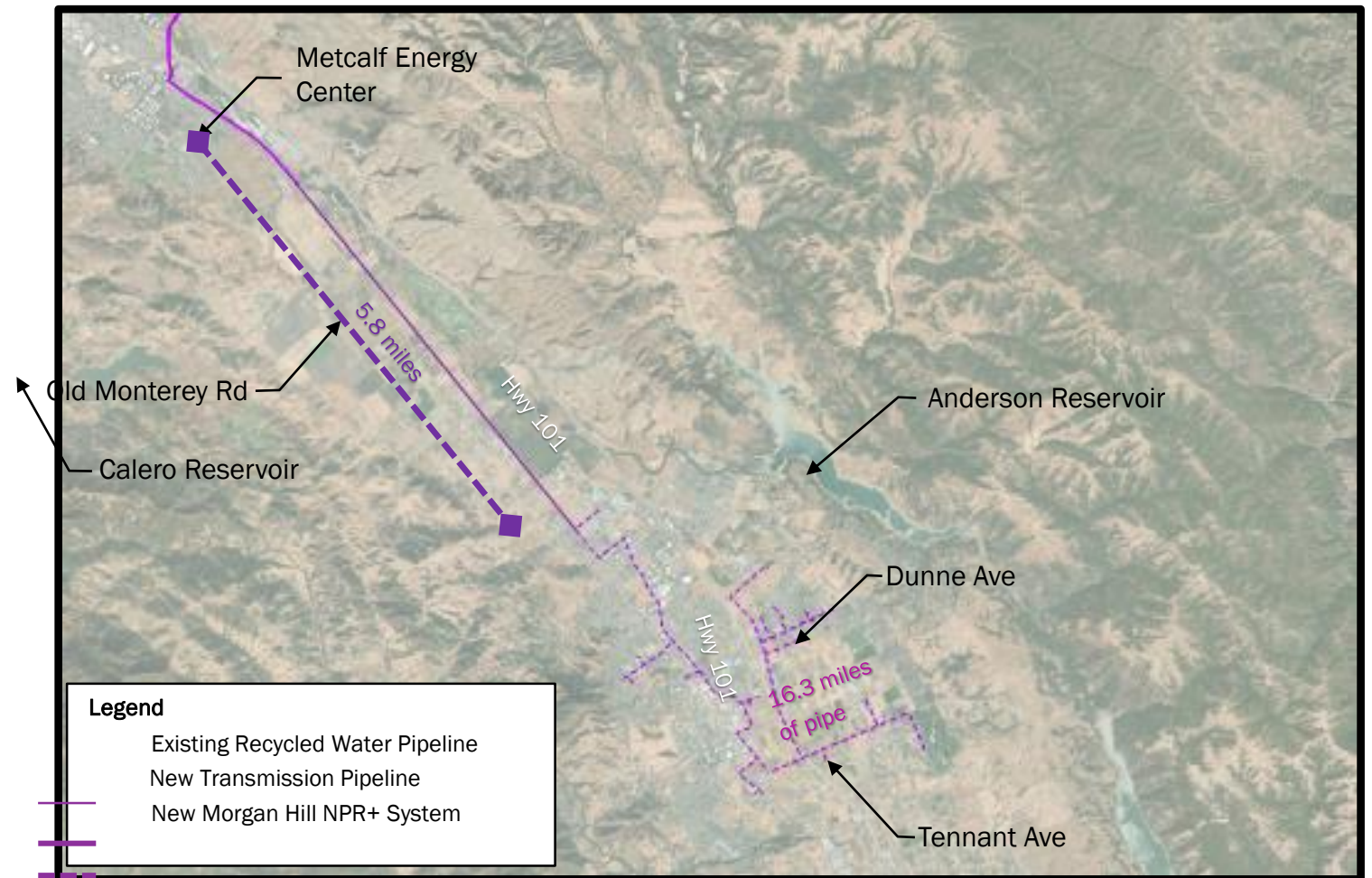
Additional NPR
in Gilroy

South County
Recharge Location
and Alignment TBD

Morgan Hill NPR Opportunities – Being Reevaluated

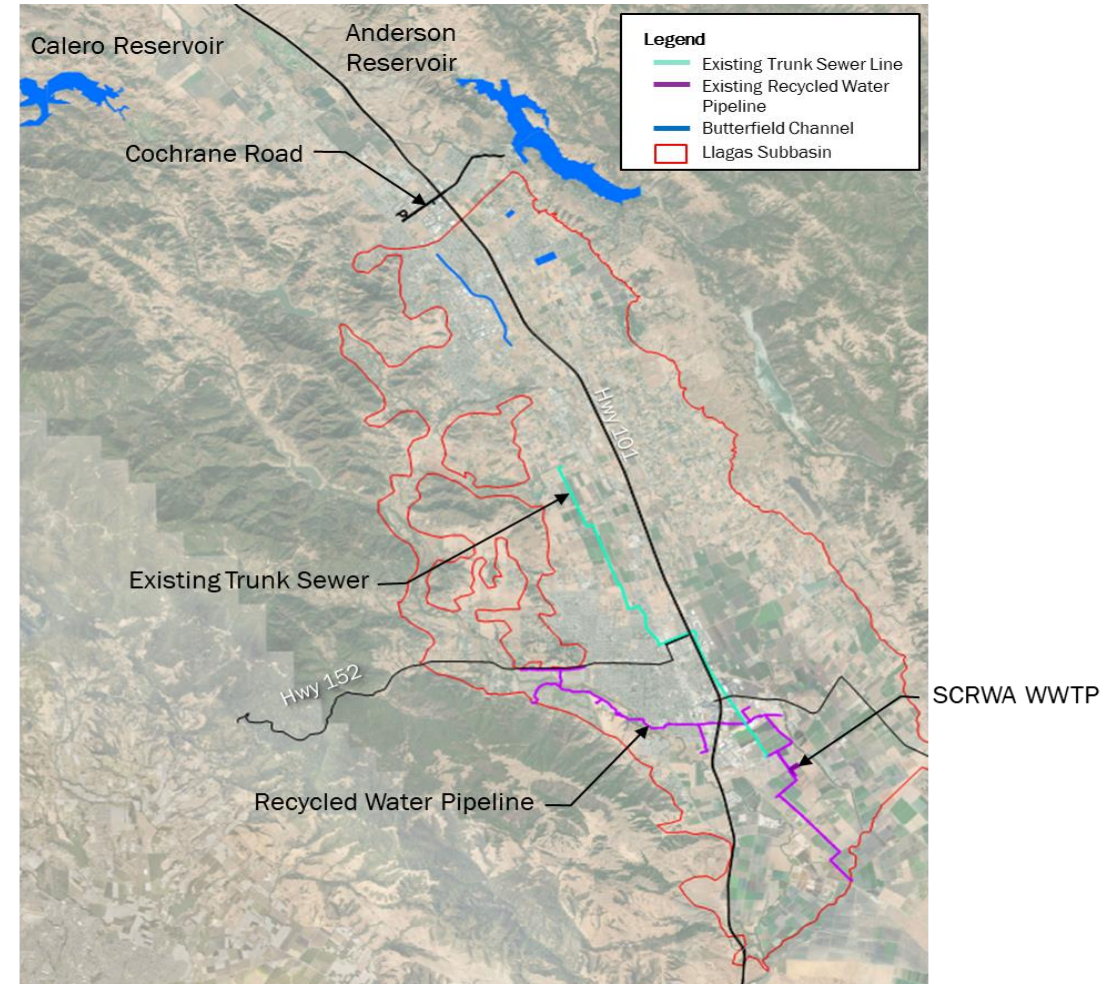
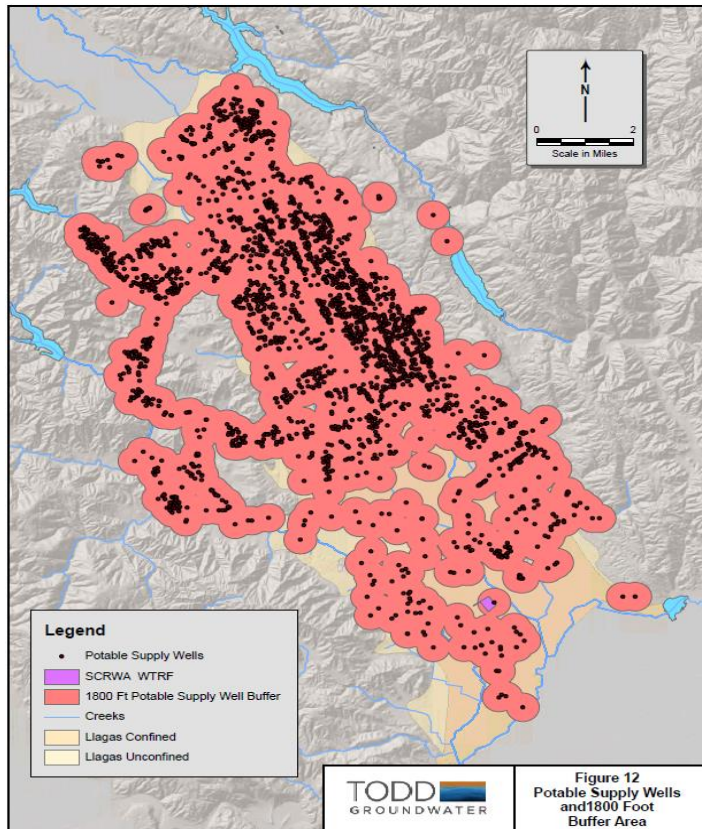
Conceptual buildout demand sourced from SBWR via Silver Creek Agreement.

Pipeline sizing and pumping requirements



Morgan Hill Potable Reuse Concept

New satellite facility for Ground Water Recharge. Recharge location challenging due to numerous potable wells.



Stakeholder Comments

- Time for Technical Review
- Cost Consciousness
- Integration with Water Supply
- Public Perception
 - TWA (Treated Water Augmentation)
 - RWA (Raw Water Augmentation)

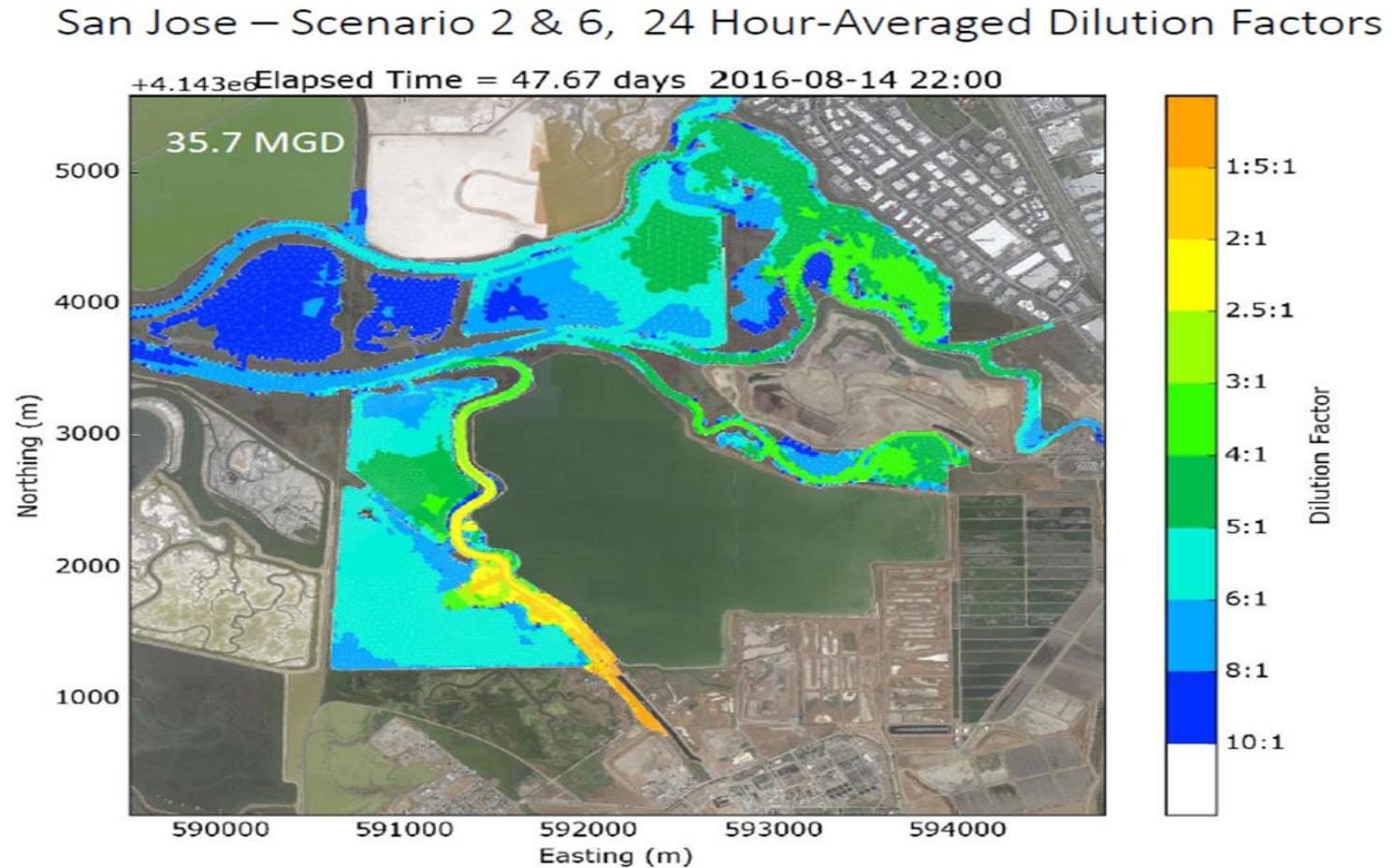


ROCMP Update

Engineered Treatment Cells Pilot Study – partnership with **Stanford**, San Francisco Estuary Institute (SFEI), and UC Berkeley (UCB)

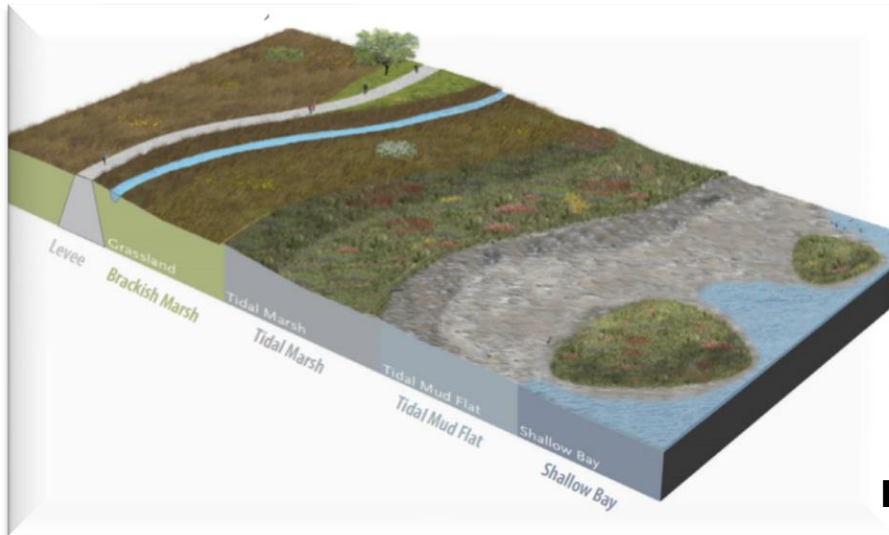


Hydrodynamic Modeling of South Bay

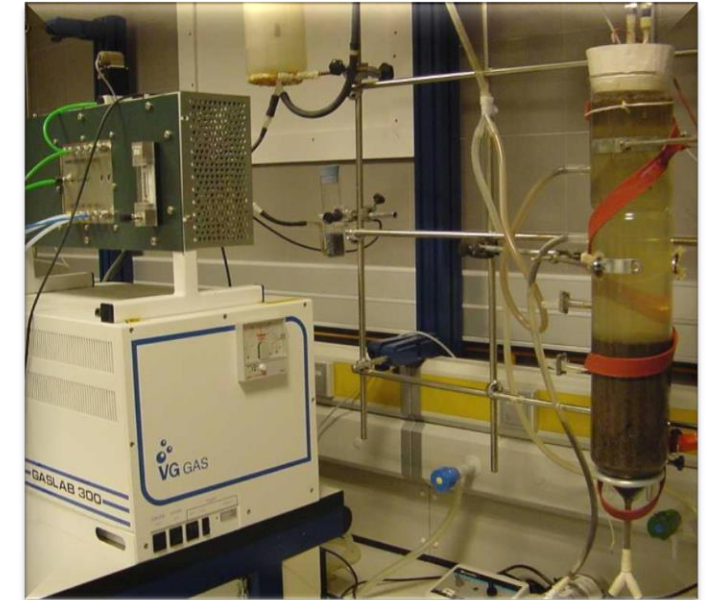


Additional Studies and Pilot Testing

- Physio-chemical treatments
 - Electrocoagulation
 - Capacitive Coagulation
- Green/Natural treatments
 - Vegetated floating wetlands
 - ROC transport to Oro Loma (Horizontal Levee Project)



Page 43



Next Steps

- Site-specific ROCMP options
- 10% cost analysis
- Alignment with Countywide Water Reuse Master Plan





Santa Clara Valley Water District

File No.: 19-0791

Agenda Date: 9/4/2019

Item No.: 4.3.

COMMITTEE AGENDA MEMORANDUM

Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA

SUBJECT:

Review Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA Committee Work Plan, the Outcomes of Board Action of Committee Requests; and the Committee's Next Meeting Agenda.

RECOMMENDATION:

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

SUMMARY:

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

BACKGROUND:

Governance Process Policy-8:

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

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

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

ATTACHMENTS:

Attachment 1: Jt WRC 2019 Work Plan

Attachment 2: Jt WRC Next Meeting's Draft Agenda

File No.: 19-0791

Agenda Date: 9/4/2019
Item No.: 4.3.

UNCLASSIFIED MANAGER:
Michele King, 408-630-2711

2019 Work Plan: Joint Water Resources Committee (City of Gilroy, City of Morgan Hill, SCVWD)

Update: August 2019

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	MEETING	ACTION/DISCUSSION OR INFORMATION ONLY	ACCOMPLISHMENT DATE AND OUTCOME
1	Review of 2018 Joint Water Resources Committee's Accomplishments Report	3-6-19	Information Item	Accomplished March 6, 2019: The Committee reviewed and approved the 2018 Accomplishments Report.
2	Update on District's Water Supply Master Plan	3-6-19	Discussion/Action Item	Accomplished March 6, 2019: The Committee received an update on District's Water Supply Master Plan and took no action.
3	Update on Countywide Water Reuse Master Plan	3-6-19 9-4-19	Discussion/Action Item	Accomplished March 6, 2019: The Committee received an update on Countywide Water Reuse Master Plan and took no action.
4	Open Space Credit	3-6-19 6-5-19 12-4-19	Discussion/Action Item	Accomplished March 6, 2019: Due to time constraints, the Committee received a brief update on Open Space Credit and asked to bring this agenda item back for the next meeting. Accomplished June 5, 2019: The Committee received an update on Open Space Credit and took no action; however, the Committee would like to have this agenda item return for the next meeting, inviting Paul Mirassou, Andrea Mackenzie, Jess Brown and experts in agriculture to further discuss the sustainability aspect of open space credit.

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
Page 1 of 2

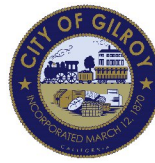
**2019 Work Plan: Joint Water Resources Committee
(City of Gilroy, City of Morgan Hill, SCVWD)**

Update: August 2019

5	Review of 2019 Joint Water Resources Work Plan and the Outcomes of Board Action of Committee Requests	3-6-19 6-5-19	Discussion/Action Item	<p>Accomplished March 6, 2019: The Committee reviewed the 2019 work plan and took no action.</p> <p>Accomplished June 5, 2019: The Committee reviewed the 2019 work plan and took no action.</p>
6	Update on Dam Projects	6-5-19	Discussion/Action Item	<p>Accomplished June 5, 2019: The Committee received an update on Dam project and took no action.</p>
7	South County Water Treatment Plant	12-4-19	Discussion/Action Item	
8	Update History of District Collaboration with the Cities of Gilroy and Morgan Hill on Recycled Water (<i>this topic should be addressed once the Reuse Master Plan is complete</i>)	12-4-19	Discussion/Action Item	

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors



SOUTH COUNTY REGIONAL
WASTEWATER AUTHORITY

JOINT WATER RESOURCES COMMITTEE

Hon. Marie Blankley, Mayor Pro Tempore, City of Gilroy

Hon. Dion Bracco, Council Member, City of Gilroy and SCRWA Board Vice Chairman

Hon. Larry Carr, Council Member-District A, City of Morgan Hill, SCRWA Chairman and Committee Vice Chair

Hon. Rich Constantine, Mayor, City of Morgan Hill

Hon. Richard P. Santos, Director-District 3, 2018 Board Chair, Santa Clara Valley Water District (SCVWD) and Committee Chair

Hon. John L. Varela, Director-District 1, Santa Clara Valley Water District (SCVWD)

SCRWA = South County Regional Wastewater Authority

AGENDA

WEDNESDAY, DECEMBER 4, 2019

8:35 AM

**JOINT WATER RESOURCES COMMITTEE
(CITY OF GILROY, CITY OF MORGAN HILL, AND VALLEY WATER
South County Regional Wastewater Authority Conference Room
1500 Southside Drive, Gilroy CA 95020**

Time Certain:

8:35 a.m.

- 1. Call to Order/Roll Call.**
- 2. Time Open for Public Comment on Any Item Not on the Agenda.**
Comments should be limited to two minutes. If the Committee wishes to discuss a subject raised by the speaker, it can request placement on a future agenda.
- 3. Approval of Minutes**
3.1 Approval of Minutes – September 4, 2019, meeting.
- 4. Action Items:**
 - 4.1 South County Water Treatment Plant
Recommendation: This is an information only item and no action is required. However, the Committee may provide comments for Board consideration.
 - 4.2 Update History of District Collaboration with the Cities of Gilroy and Morgan Hill on Recycled Water
Recommendation: This is an information only item and no action is required. However, the Committee may provide comments for Board consideration.
 - 4.3 Update on Open Space Credit
Recommendation: This is an information only item and no action is required. However, the Committee may provide comments for Board consideration.
 - 4.4. Review of 2019 Joint Water Resources Work Plan and any Outcomes of Board Action or Committee Requests and the Committee’s next meeting agenda (Committee Chair)
Recommendation: Review the Committee work plan to guide the Committee’s discussions regarding policy alternatives and implications for Board deliberation.
- 5. Clerk Review and Clarification of Committee Actions**
This is a review of the Committee’s Actions (from Item 4).

6. **Adjourn:** Adjourn to next regularly scheduled meeting at 8:35 a.m. (immediately following SCRWA meeting), **March 4, 2020**, South County Regional Wastewater Authority Conference Room, 1500 Southside Drive, Gilroy CA 95020.

REASONABLE EFFORTS TO ACCOMMODATE PERSONS WITH DISABILITIES WISHING TO ATTEND COMMITTEE MEETINGS WILL BE MADE. PLEASE ADVISE THE CLERK OF THE BOARD'S OFFICE OF ANY SPECIAL NEEDS BY CALLING (408) 630-2277.

Meetings of this committee will be conducted in compliance with all Brown Act requirements. 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 for public inspection at the same time that the public records are distributed or made available to the legislative body, at the following locations:

Santa Clara Valley Water District
Clerk of the Board Unit
5700 Almaden Expressway
San Jose, CA 95118

City of Gilroy
City Clerk
735 Rosanna Street
Gilroy, CA 95020

City of Morgan Hill
City Clerk
17575 Peak Avenue
Morgan Hill, CA 95037

Joint Water Resources Committee Purpose: Advance common South County water interests and receive input from stakeholders and interested parties when undertaking the following: 1. Reviewing current practices and future needs for groundwater management in the Llagas groundwater sub-basin, 2. Facilitating policy discussion and sharing of technical information on water supply planning for South County, 3. Identifying the current and future demand for recycled water as well as jointly identifying funding sources for implementation of the South County Recycled Water Master Plan, 4. Facilitating policy discussion and sharing of technical information on furthering development and use of recycled water in South County, 5. Facilitating policy discussion and sharing of socio-economic homelessness in South County