



SOUTH COUNTY REGIONAL
WASTEWATER AUTHORITY

May 29, 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

City of Morgan Hill:

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

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, June 5, 2019, **at the South County Regional Wastewater Authority Conference Room, 1500 Southside Drive, Gilroy, CA 95020.**

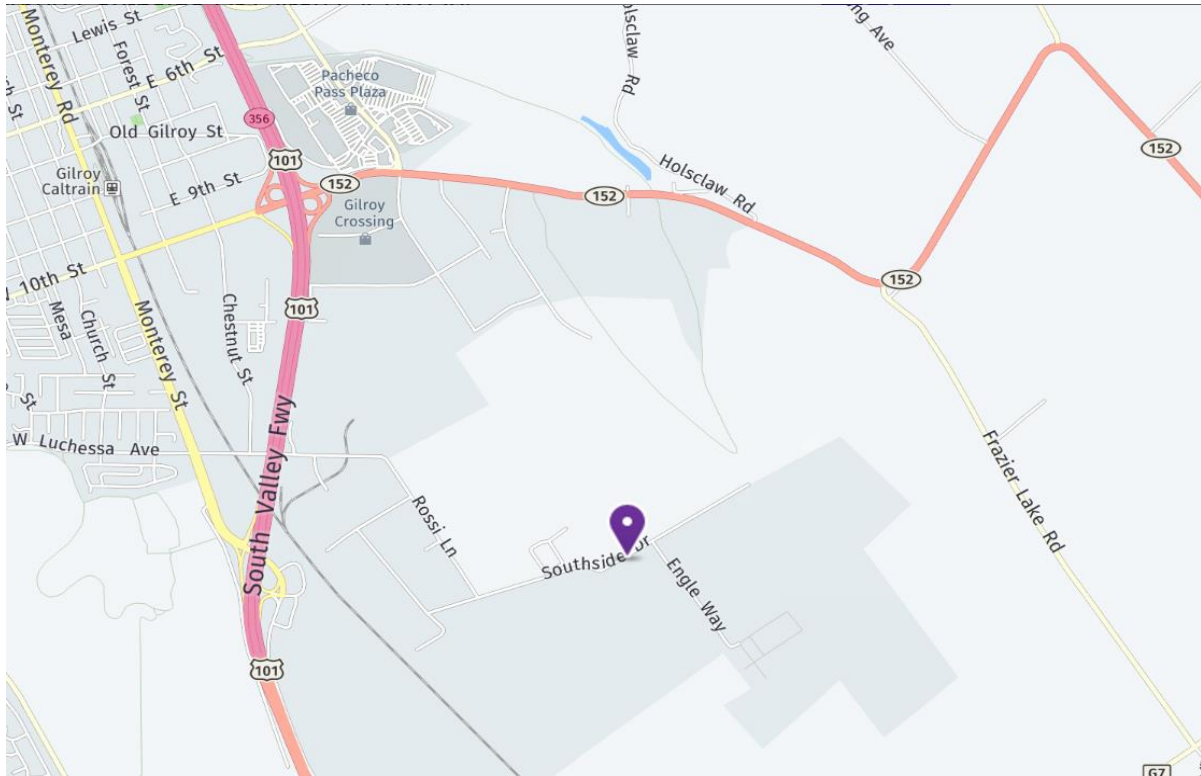
Enclosed for your convenience is a copy of the agenda and corresponding materials. Please bring these materials to the meeting with you.

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/Morgan Hill/SCRWA**

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

**REGULAR MEETING
AGENDA**

**Wednesday, June 5, 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/Morgan Hill/SCRWA
REGULAR MEETING AGENDA

Wednesday, June 5, 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.

[19-0506](#)

Recommendation: Approve the March 6, 2019, Meeting Minutes

Manager: Michele King, 408-630-2711

Attachments: [Attachment 1: 030619 Jt Water Resources Comm Draft Mins](#)

Est. Staff Time: 5 Minutes

4. ACTION ITEMS:

4.1. Open Space Credit.

[19-0507](#)

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

Manager: Darin Taylor, 408-630-3068

Attachments: [Attachment 1: Memo](#)

Est. Staff Time: 10 Minutes

- 4.2. Update on Dam Projects. [19-0509](#)

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

Manager: Christopher Hakes, 408-630-3796

Attachments: [Attachment 1: Detailed Status v3 clean.docx](#)

Est. Staff Time: 20 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. [19-0510](#)

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: Jt WRC 2019 Work Plan](#)
[Attachment 2: 090419 Jt WRC DRAFT Agenda](#)

Est. Staff Time: 5 Minutes

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE REQUESTS.

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

6. ADJOURN:

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



File No.: 19-0506

Agenda Date: 6/5/2019

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA

SUBJECT:

Approval of Minutes.

RECOMMENDATION:

Approve the March 6, 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: 030619 Jt Water Resources Comm Draft Mins

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711



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

DRAFT MINUTES

**WEDNESDAY, MARCH 6, 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 March 6, 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 8:37 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. Larry Carr and 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: Hossein Ashktorab, Joe Atmore, Glenna Brambill, Jerry De La Piedra, Garth Hall, Nina Hawk, Metra Richert and David Tucker.

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

City of Morgan Hill Staff Members in attendance were: Anthony Eulo, Chris Ghione and Christina Turner.

Public Attendees: Sharon Luna, John McKay, Doug Muirhead and Sanjay Reddy.

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. Larry Carr, and unanimously carried, to approve the minutes of the June 6, 2018, Joint Water Resources Committee (City of Gilroy, City of Morgan Hill and Valley Water) meeting, as presented.

4. ACTION ITEMS

4.1 UPDATE ON WATER SUPPLY MASTER PLAN

Ms. Metra Richert reviewed the materials as outlined in the agenda item.

The Committee discussed the following items: Agriculture, “No Regrets”, Pacheco Reservoir, South County Recharge issues, Rates: north vs south (6.6%/6.9%) averages and annual increases.

Mr. Jerry De La Piedra and Mr. Garth Hall were available to answer questions.

The Committee took no action.

4.2 UPDATE ON COUNTYWIDE WATER REUSE MASTER PLAN

Mr. David Tucker reviewed the materials as outlined in the agenda item.

The Committee discussed the following items: SCRWA process and potential expansion of plant, Valley Water’s Master Plan, impact of rain and how are the resources being utilized, aging waste water facilities, population growth-flows decreasing, Model Ordinance, water conservation, Valley Water’s education and grant programs, potable-non-potable mix, purified water, recycled water, partnering with other agencies on future water needs for the County.

Mr. Gabriel Gonzalez, Mr. Saeid Vaziry, Mr. Chris Ghione, Ms. Nina Hawk, Mr. Jerry De La Piedra, Mr. Hossein Ashktorab and Ms. Christina Turner were available to answer questions.

Mr. Doug Muirhead member of the public from Morgan Hill spoke on this agenda item regarding: costs, what would be paid if there was no water, imported water allocation and recharging. Ms. Sharon Luna member of the public from San Martin spoke on this agenda item regarding: San Martin having a ‘seat’ at the table to have their interests addressed.

The Committee took no action.

4.3 OPEN SPACE CREDIT

Mr. Joe Atmore reviewed the materials as outlined in the agenda item

The Committee took no action; however, the Committee will have this agenda item return for the next meeting.

4.4 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.

Place agenda item 4.3 Open Space Credit, South County Treatment Plant and Update on Dam Projects on next meeting's agenda.

The Committee took no action.

5. CLERK REVIEW AND CLARIFICATION OF COMMITTEE ACTIONS

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

6. ADJOURN

Chair Hon. Richard P. Santos adjourned at 9:51 a.m. to the next meeting on June 5, 2019.

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

Approved:



File No.: 19-0507

Agenda Date: 6/5/2019

Item No.: 4.1.

COMMITTEE AGENDA MEMORANDUM

Joint WRC with Cities of Gilroy/Morgan Hill/SCRWA

SUBJECT:

Open Space Credit.

RECOMMENDATION:

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

SUMMARY:

The purpose of this item is to obtain stakeholder comments and input on the Board's Open Space Credit Policy, specifically a staff proposal to implement an Agricultural Charge Adjustment for Williamson Act and Conservation Easement Properties.

Background

The District Board has historically recognized that agriculture brings value to Santa Clara County in the form of open space and local produce. 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. In 1999, to further its support for agricultural lands, a policy was put into place further limiting the agricultural groundwater production charge to no more than 10% of the M&I charge. The agricultural community currently benefits from low groundwater charges that are 2% of M&I charges in North County and 6% of M&I charges in South County. According to Section 26.1 of the District Act, agricultural water is "water primarily used in the commercial production of agricultural crops or livestock."

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, the District redirects a portion of the 1% ad valorem property taxes generated in the Water Utility, General and Watershed Stream Stewardship Funds. The South County Open Space Credit is currently estimated to be \$8.0 million in FY 2018-19 and projected to continually increase in the years that follow.

Since 2013, the Board has continued the past practice of setting the agricultural charge at 6.0% of the South County M&I charge. On September 18, 2017, in response to the President's Day Flood event, the Board's Capital Improvement Program Committee analyzed scenarios to decrease the Open Space Credit and therefore provide more funding for flood protection projects. Accordingly, alternatives were prepared to reduce the Open Space Credit by increasing the agricultural charge to 10% or 25% of the M&I charge over a multi-year timeframe. For FY 2018-19, staff recommended

increasing the agricultural charge to 6.8% of the M&I charge. On May 8, 2018, the Board chose to continue the past practice of setting the agricultural charge at 6.0% of the South County M&I charge for FY 2018-19.

For FY 2019-20, staff recommended increasing the agricultural charge to 6.7% of the M&I charge, which would have been the first step in a 7-year transition toward ultimately setting the agricultural charge at 10% of the M&I charge. In addition, staff recommended implementing an adjustment that would be applied to all Williamson Act and conservation easement properties, which would result in a net agricultural charge of 6% of M&I charges for those properties. The Board chose to maintain the Open Space Credit policy as is for two more years, while pursuing other feasible revenue sources for the Open Space Credit by working with a coalition of stakeholders. The attached memo from Directors Hsueh, Estremera and Varela dated April 18, 2019 contains further details (See Attachment 1).

ATTACHMENTS:

Attachment 1: Memo

UNCLASSIFIED MANAGER:

Darin Taylor, 408-630-3068



MEMORANDUM

FC 14 (02-08-19)

TO: Board of Directors

FROM: Vice Chair Nai Hsueh
Director Tony Estremera
Director John Varela

SUBJECT: Groundwater Production Charges –
Open Space Credit

DATE: April 18, 2019

This memorandum presents a discussion on the Open Space Credit (OSC) portion of Item 2.8, Annual Report on the Protection and Augmentation of Water Supplies - February 2019 and Recommended Groundwater Production and Other Water Charges for Fiscal Year 2019-2020, on the April 23, 2019 agenda.

Issue

There are many comments urging support for agriculture in Santa Clara County by continuing the current OSC practice. Although the Board has explained at various occasions, it is important to clarify one more time that this Board, present and former, has never wavered its support for agriculture. **The issue facing the Board is about an “unsustainable financial future” of our property tax revenue (Fund 12, District Fund and Water Enterprise Fund.)**

Background

For several years, the Board has been concerned about the affordability of OSC and, in 2018, directed staff to report back on the following:

1. *Reasonableness of agriculture water usage projections in light of future development in south county and potential reduction of agriculture acreage (staff reported on December 5, 2018 that projected future agricultural water usage is reasonable.)*
2. *Feasibility of a reduced agriculture water charge for Williamson Act or Conservation Easement participants (Williamson Act Proposal) (on today's agenda as part of the Groundwater Production Charge.)*
3. *Feasibility of funding Open Space Credit with new revenue sources, e.g. contribution from private companies or other governmental agencies (analyses completed, see attached memorandum.)*

Discussion of Williamson Act Proposal

The Williamson Act Proposal is not a viable solution to the financial sustainability issue the Board is concerned about. A significant percentage, approximately 80%, of the current OSC is needed to comply with District Act requirement. Only 20% of the OSC is within the Board's authority to reduce. As shown in the analyses below, any adjustments within the 20% will not solve the unsustainable condition of Fund 12.

For the next 10 years, if the current practice continues, approximately \$152M of total District 1% property tax revenue would be allocated to support OSC. If the Williamson Act Proposal is implemented, the cumulative savings would be \$3.4M—\$3.8M under the 10% alternative, and \$16.0M—\$17.9M under the 25% alternative, which amounts to approximately 2.0%—12.0% of the \$152M “hole” that the Board is concerned about.

Source: staff agenda memorandum.

Additionally, and very importantly, the Williamson Act Proposal does not benefit farmers who own small acreages or lease/rent farmland, and therefore is not consistent with Board's policy regarding Environmental Justice.

Recommendation

Of the 3 directions by the Board (see Background section,) "Item 3 New Revenue Sources" is the one that has the potential to address the "financial sustainability issue", and is worth our efforts to pursue.

A stepped approach is recommended:

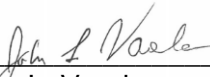
1. Continue current practice for OSC for the next 2 years, FY 2019-2020 and FY 2020-2021.
2. During the 2-year period, through a coalition of agriculture industry, open space organizations, other governmental organizations, environmental groups and Valley Water, work to pursue feasible revenue sources for OSC.
3. Depending on the outcomes of the efforts, the Board would then set the OSC accordingly. It is important to point out that the OSC decision cannot not be made independently, it needs to be considered in connection with the services Valley Water relies on Property Tax to deliver to the community.



Nai Hsueh, 2019 Vice Chair
Director District 5



Tony Estremera
Director District 6



John L. Varela
Director District 1



File No.: 19-0509

Agenda Date: 6/5/2019

Item No.: 4.2.

COMMITTEE AGENDA MEMORANDUM

Joint WRC with Cities of Morgan Hill/Gilroy/SCRWA

SUBJECT:

Update on Dam Projects.

RECOMMENDATION:

This is an information only item and no action is required. However, the Committee may provide comments for Board consideration.

SUMMARY:

The District owns and operates fourteen dams and ten reservoirs in Santa Clara County. The District dams and reservoirs were funded and constructed for water supply, but also provide incidental flood management, recreation, and environmental benefits. Dam safety regulatory requirements, Board policies, and obligations due to dam ownership, set direction for the Anderson, Calero, Guadalupe, and Almaden dam seismic retrofit projects.

Drivers for these capital projects include the following Boards Ends Policies, Strategies and CEO Directions:

- E-1 - The mission of the District is a healthy, safe, and enhanced quality of living in Santa Clara County.
- S-2.1.2.2 - Manage, operate and maintain dams and reservoir assets to maximize reliability, to minimize life cycle costs and to minimize impacts to the environment.
- S-2.1.2.3 - Aggressively implement dam remediation projects.

This memorandum updates the Board on status of Anderson, Almaden, Calero and Guadalupe seismic retrofit projects.

BACKGROUND:

As part of their seismic re-evaluation program in the early 2000's, the California Department of Water Resources (DWR), Division of Safety of Dams (DSOD) performed independent, preliminary seismic stability evaluations of Calero, Almaden, Guadalupe, Lenihan, Stevens Creek, Chesbro and Uvas Dams. Additionally, in 2003, with the concurrence of DSOD, the Federal Energy Regulatory Commission (FERC) required that a seismic stability evaluation of Anderson Dam be performed. Based on the preliminary stability evaluations, DSOD directed the District to update the seismic stability analyses for all the dams referenced above.

The District has completed the seismic stability evaluations of Anderson, Almaden, Calero, Guadalupe, Stevens Creek and Lenihan Dams, as directed by DSOD. The seismic evaluations of Chesbro and Uvas are on-going. The completed studies concluded that the embankments for the Anderson, Calero and Guadalupe Dams require remediation. As a result, seismic retrofit projects were initiated for these dams in 2012. Stevens Creek and Lenihan dams do not require any retrofitting. Although, the seismic evaluation of Almaden embankment indicated that no seismic retrofit was required, the existing intake structure at Almaden reservoir will need to be replaced due to seismic deficiencies. Water level operating restrictions have been imposed on these reservoirs by DSOD, as interim risk reduction measures until the seismic retrofit projects can be completed. A summary of the status, conclusion of seismic stability evaluations, and the current reservoir restrictions for each dam are as follows:

Dam	Evaluation	Planning	Design	Construction	Reservoir Capacity (AF)	Restricted Capacity (AF)
Anderson	Completed in 2011	Completed in 2013	On-going, planned completion in 2022	Planned completion in 2027	90,373	52,553
Almaden	Completed in 2012- Only intake retrofit required	Completed in 2017	Planned completion in 2029	Planned completion in 2031	1,586	1,472
Calero	Completed in 2012	Completed in 2015	On-going, planned completion in 2020	Planned completion in 2029	9,934	4,570
Guadalupe	Completed in 2012	Completion in 2015	On-going, planned completion in 2020	Planned completion in 2025	3,415	2,218

AF = acre-feet

Capital projects are on-going to design and construct the required dam retrofit projects. The following costs have been included in the FY2020-2024 Capital Improvement Program for these projects:

Project	Project No.	FY 2020-24 CIP
Anderson Dam Seismic Retrofit Project	91864005	\$ 550,843,000
Calero-Guadalupe Seismic Retrofit Project (Planning & Environmental Phases)	91084020	\$ 9,348,000
Calero Seismic Retrofit Project (Design & Construction Phases)	91874004	\$ 118,400

Guadalupe Seismic Retrofit Project	91894002	\$ 74,275
Almaden Dam Improvements Project	91854001	\$ 60,615,000
Total		\$ 718,062,000

A detailed status of the Anderson, Calero, Guadalupe, and Almaden dam seismic retrofit projects is included as Attachment 1.

ATTACHMENTS:

Attachment 1: Detailed Status of Seismic Retrofit Projects

UNCLASSIFIED MANAGER:

Christopher Hakes, 408-630-3796

DETAILED STATUS OF SEISMIC RETROFIT PROJECTS

As part of their seismic evaluation program in the early 2000's, the Division of Safety of Dams (DSOD) performed independent, preliminary seismic stability evaluations of Calero, Almaden, Guadalupe, Lenihan, Stevens Creek, Chesbro and Uvas Dams. Based on the results of their evaluations, DSOD directed the District to update the seismic stability analyses for these dams. Additionally, in 2003, based on a review of a required safety inspection report for Anderson Dam (GEI, 2001), the Federal Energy Regulatory Commission (FERC) also concluded that a seismic stability evaluation of Anderson dam was required. FERC's conclusion requiring a seismic evaluation of Anderson dam, was also supported by DSOD.

The District has completed the seismic stability evaluations of Anderson, Almaden, Calero, Guadalupe, Stevens Creek and Lenihan Dams. The evaluations conclude that the embankments for Anderson, Calero and Guadalupe Dams require remediation, and seismic retrofit projects have been initiated for these dams. Although, the seismic evaluation of Almaden embankment indicated that no seismic retrofit was required, the existing intake structure at Almaden reservoir will require to be replaced to address seismic deficiencies. The Almaden Dam Improvement Project (ADIP) was initiated to address the seismic deficiency of the existing intake structure at Almaden reservoir and deficiencies of aging infrastructure at the Almaden-Calero Canal in 2013.

During the planning phases of Anderson Dam Seismic Retrofit Project (ADSRP), Calero Dam Seismic Retrofit Project (CDSRP), Guadalupe Dam Seismic Retrofit Project (GDSRP) and Almaden Intake Project (ADIP), it was concluded that spillways at these reservoirs do not meet the current Probable Maximum Flood (PMF) standards. Additionally, in May 2017, DSOD directed the District to perform comprehensive evaluations of spillways at these reservoirs. Based on the findings of these evaluations, the spillways at Anderson, Calero, Guadalupe and Almaden reservoirs will need to be replaced or substantially modified to meet current safety standards. These required spillway modifications are being addressed in the design phases of the respective projects.

As part of the seismic retrofit projects, the existing outlets at Anderson, Calero, Guadalupe and Almaden dams were also evaluated. Based on these evaluations, the outlets and/or intake structures at these reservoirs will need to be replaced (the intake structures at the Almaden dam will be replaced, whereas the outlet works, including the outlet pipes will be replaced for Anderson, Calero and Guadalupe dams). The required outlet and intake modifications are included within the scope for the design phase of these projects.

As an interim risk reduction measure, DSOD has imposed water level operating restrictions on these reservoirs while the projects are designed and constructed. Detailed status of Anderson, Calero and Guadalupe dam seismic retrofit projects is provided as follows:

i. Anderson Dam Seismic Retrofit Project

Background: AMEC Geomatrix, Inc. performed the Anderson Dam Seismic Stability Evaluation. The results of the evaluation indicated that material at the base and foundation of the dam embankment would weaken due to liquefaction in a large earthquake. Such an event could significantly deform the dam embankment, increasing the risk of an uncontrolled release from Anderson Reservoir. Geologic/geotechnical investigations during the design phase of the project in June 2017, indicated that movement of potentially active faults located under the dam could adversely impact the embankment. It was also concluded that the existing transition zones within the dam

were inadequate to handle any fault offset, and the upstream shell of the dam embankment was also susceptible to liquefaction. The reservoir is being operated under a restricted reservoir level imposed by FERC and DSOD to ensure public safety (Table 1). In response to these findings, staff initiated the seismic stability retrofit project in Fiscal Year 2011-2012. The planning phase of the project was completed in 2013. The retrofit concept developed during the planning phase was revised in December 2017 to address the new findings in June 2017. The scope of this project includes seismic retrofit of the dam embankment and replacing the outlet works. The spillway structure will also be substantially modified or replaced based on the 2011 FERC Five Year Safety Inspection and Report, re-evaluation of the Anderson Dam Probable Maximum Flood, and the recent 2017 spillway evaluation directed by DSOD. The retrofit project has been incorporated in the Fiscal Year 2020-2024 Capital Improvement Plan. A budget of \$550,083,000 is allocated.

Current status: The project is currently in the design phase and the environmental documentation process has been initiated. The 90% design submittal is scheduled for completion by November 2020. The construction phase is scheduled to begin in 2022 and last 5-years.

ii. Calero Dam Seismic Retrofit Project

Background: In 2011, URS Corporation performed seismic stability evaluations for Calero dam. The evaluation concluded that Calero Main Dam had inadequate seismic stability and would require retrofitting. The Calero Auxiliary Dam was found to have adequate seismic stability and no retrofit is required. Calero reservoir is currently being operated at a restricted reservoir level as directed by DSOD (Table 1). Staff initiated a seismic retrofit project for Calero dam in July 2012. The goal of this project is to remediate seismic deficiencies identified in the seismic stability evaluation. The planning phase of the project was completed in 2015. Based on the evaluations of the existing outlet and spillway conducted during the planning phase, both the spillway and the outlet will need to be replaced to meet current safety standards. The retrofit project has been incorporated in the Fiscal Year 2020-2024 Capital Improvement Plan. A total of \$118,400,000 is allocated.

Current status: The project is in the design phase which is scheduled for completion by 2020. Due to operational considerations both Anderson Dam and Calero Dam cannot be out of commission concurrently. Therefore, construction of Calero Dam retrofit will commence in 2026 after the retrofit of Anderson Dam has been completed. Construction will be completed in 2029.

iii. Guadalupe Dam Seismic Retrofit Project

Background: In 2011, URS Corporation performed seismic stability evaluations for Guadalupe dam. The evaluation concluded that Guadalupe Dam had inadequate seismic stability and would require to be retrofitting. Guadalupe reservoir is currently being operated at a restricted reservoir level as directed by DSOD (Table 1). Staff initiated a seismic retrofit project for Guadalupe dam in July 2012. The goal of this project is to remediate seismic deficiencies identified in the seismic stability evaluation. The planning phase of the project was completed in 2015. Based on the evaluations of the existing outlet and spillway conducted during the planning phase, the outlet will need to be replaced and the spillway will be substantially modified to meet current safety standards. The retrofit project has been incorporated in the Fiscal Year 2020-2024 Capital Improvement Plan. A

total of \$74,275.

Current status: The project is in the design phase which is scheduled for completion by 2020. This will be followed by the construction phase which is scheduled for completion by 2025.

iv. Almaden Dam Improvements Project

In October 2000, a capital project was initiated to address seismic deficiencies related to the Almaden Dam outlet works and deficiencies of aging infrastructure at the Almaden-Calero Canal. The planning level work was suspended in September 2005, pending completion of the seismic stability evaluation of Almaden Dam. This seismic stability evaluation was completed in 2011 and it was determined that remediation of the dam embankment is not required; therefore, the Almaden Dam Improvements Project was reinitiated in 2012. The project will replacement of the existing outlet works, replacement of existing spillway to meet the latest safety standards, and improvements to the aging infrastructure at the Almaden-Calero Canal. The planning study for the project was completed in 2017. The project has been incorporated in the Fiscal Year 2020-2024 Capital Improvement Plan. A total of \$60,615,000 is allocated.

Current status: The design phase is on-going and is scheduled for completion in 2029. The construction phase is scheduled for completion in 2031.



File No.: 19-0510

Agenda Date: 6/5/2019

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.: 19-0510

Agenda Date: 6/5/2019
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: May 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	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	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.
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	Accomplished March 6, 2019: The Committee reviewed the 2019 work plan and took no action.
6	Update on Dam Projects	6-5-19	Discussion/Action Item	

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
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**2019 Work Plan: Joint Water Resources Committee
(City of Gilroy, City of Morgan Hill, SCVWD)**

Update: May 2019

7	South County Water Treatment Plant	TBD	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>)	TBD	Discussion/Action Item	

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
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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
- Hon. Larry Carr, Council Member-District A, City of Morgan Hill and Committee Vice Chair
- Hon. Rene Spring, Council Member-District C, City of Morgan Hill and SCRWA Chair
- Hon. Richard P. Santos, Director-District 3, Valley Water and Committee Chair
- Hon. John L. Varela, Director-District 1, Valley Water

SCRWA = South County Regional Wastewater Authority

AGENDA

WEDNESDAY, SEPTEMBER 4, 2019
8:35 AM

JOINT WATER RESOURCES COMMITTEE
(CITY OF GILROY, CITY OF MORGAN HILL, AND SCVWD)
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 – June 5, 2019, meeting.
4. **Action Items:**
4.1. 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), **December 4, 2019**, 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