

January 12, 2018

MEETING NOTICE & REQUEST FOR RSVP

TO: SANTA CLARA VALLEY WATER COMMISSION

<u>Municipality</u>	<u>Representative</u>	<u>Alternate</u>
City of Campbell	Hon. Susan M. Landry	Hon. Rich Waterman
City of Cupertino	Hon. Steven Scharf	Hon. Darcy Paul
City of Gilroy	Hon. Peter Leroy-Muñoz	Hon. Roland Velasco
City of Los Altos	Hon. Lynette Lee Eng	Hon. Mary Prochnow
Town of Los Altos Hills	Hon. Courtenay Corrigan	
Town of Los Gatos	Hon. Barbara Spector	Hon. Steve Leonardis
City of Milpitas	Hon. Garry Barbadillo	
City of Monte Sereno	Hon. Evert Wolsheimer	Hon. Burton Craig
City of Morgan Hill	Hon. Rich Constantine	Hon. Larry Carr
City of Mountain View	Hon. Lisa Matichak	Hon. Lenny Siegel
City of Palo Alto	Hon. Adrian Fine	Hon. Tom DuBois
City of San Jose	Hon. Lan Diep	Kerrie Romanow
City of Santa Clara	Hon. Debi Davis	Hon. Patrick Kolstad
City of Saratoga	Hon. Rishi Kumar	Hon. Howard Miller
City of Sunnyvale	Hon. Nancy Smith	Hon. Larry Klein
Santa Clara County Board of Supervisors	Hon. Mike Wasserman	Hon. Cindy Chavez
Midpeninsula Regional Open Space District	Hon. Yoriko Kishimoto	Hon. Jed Cyr
Santa Clara County Open Space Authority	Hon. Mike Flaughner	Hon. Calvin Gill

The regular meeting of the Santa Clara Valley Water Commission is scheduled to be held on Wednesday, **January 24, 2018, at 12:00 p.m.**, in the Headquarters Building Boardroom, located at the Santa Clara Valley Water District, 5700 Almaden Expressway, San Jose, California. Lunch will be provided.

Enclosed are the meeting agenda and corresponding materials. Please bring this packet with you to the meeting. Additional copies of this meeting packet are available on-line at <http://www.valleywater.org/About/WaterCommission.aspx>



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

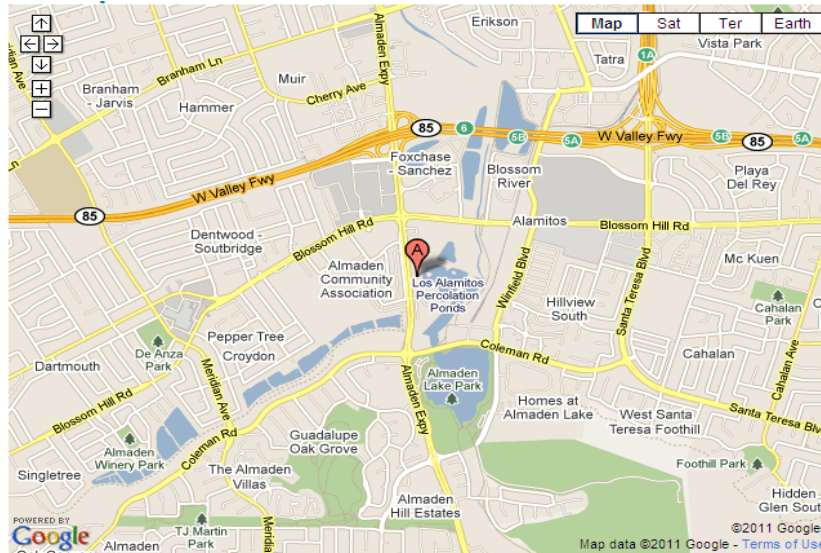
Further, a quorum must be present on the day of the scheduled meeting to call the meeting to order and take action on agenda items.

Members with two or more consecutive unexcused absences will be subject to rescinded membership.

Please confirm your attendance **no later than Friday, January 19, 2018; noon** by contacting Vicki Elam at 1-408-630-3056, or velam@valleywater.org.

Enclosures

**Santa Clara Valley Water District - Headquarters Building,
5700 Almaden Expressway, San Jose, CA 95118**



From Oakland:

- Take 880 South to 85 South
- Take 85 South to Almaden Expressway exit
- Turn left on Almaden Plaza Way
- Turn right (south) on Almaden Expressway
- At Via Monte (third traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

From Morgan Hill/Gilroy:

- Take 101 North to 85 North
- Take 85 North to Almaden Expressway exit
- Turn left on Almaden Expressway
- Cross Blossom Hill Road
- At Via Monte (third traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

From Sunnyvale:

- Take Highway 87 South to 85 North
- Take Highway 85 North to Almaden Expressway exit
- Turn left on Almaden Expressway
- At Via Monte (third traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

From San Francisco:

- Take 280 South to Highway 85 South
- Take Highway 85 South to Almaden Expressway exit
- Turn left on Almaden Plaza Way
- Turn right (south) on Almaden Expressway
- At Via Monte (third traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

From Downtown San Jose:

- Take Highway 87 - Guadalupe Expressway South
- Exit on Santa Teresa Blvd.
- Turn right on Blossom Hill Road
- Turn left at Almaden Expressway
- At Via Monte (first traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

From Walnut Creek, Concord and East Bay areas:

- Take 680 South to 280 North
- Exit Highway 87-Guadalupe Expressway South
- Exit on Santa Teresa Blvd.
- Turn right on Blossom Hill Road
- Turn left at Almaden Expressway
- At Via Monte (third traffic light), make a U-turn
- Proceed north on Almaden Expressway approximately 1,000 feet
- Turn right (east) into the campus entrance

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Commission Officers

Hon. Yoriko Kishimoto, Chair
Hon. Rishi Kumar, Vice Chair

Board Representative

Barbara Keegan, Alternate
Richard P. Santos, Board Representative
John L. Varela, Board Representative

AGENDA

SANTA CLARA VALLEY WATER COMMISSION

WEDNESDAY, JANUARY 24, 2018

12:00 p.m. – 2:00 p.m.

**Santa Clara Valley Water District
Headquarters Building Boardroom
5700 Almaden Expressway
San Jose, CA 95118**

Time Certain:

12:00 p.m.

1. **Call to Order/Roll Call**
2. **Time Open for Public Comment on Any Item Not on Agenda**
Comments should be limited to two minutes. If the Commission 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 – October 25, 2017, meeting
4. **Election of Commission Chair and Vice Chair**
5. **Action Items**
 - 5.1 Review and Approve 2017 Annual Accomplishments Report for Presentation to the Board (Committee Chair)
Recommendation: This is an action item to provide comments to the Commission Chair to share with the Board as part of the Accomplishments Report presentation pertaining to the purpose, structure, and function of the Commission.
 - 5.2 Civic Engagement (Rick Callender)
Recommendation: This is a discussion item and the Commission may provide comments if applicable, however, no action is required.
 - 5.3 Review and Comment to the Board on the Fiscal Year 2018-2019 Preliminary Groundwater Production Charges (Darin Taylor)
Recommendation: Review and comment to the Board on the Fiscal Year 2019 Preliminary Groundwater Production Charges.
 - 5.4 Review Santa Clara Valley Water Commission Work Plan, the Outcomes of Board Action of Commission Requests and the Commission's Next Meeting Agenda (Commission Chair)
Recommendation: Review the Board-approved Commission work plan to guide the committee's discussions regarding policy alternatives and implications for Board deliberation.

6. **Information Only Items**

Informational only items are not for discussion or action. However, clarifying questions may be asked, and will be called for by the Chair.

6.1 Receive an Update on the District's Winter Preparedness (Raymond Fields)

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

7. **Clerk Review and Clarification of Commission Requests to the Board**

This is a review of the Commission's Requests, to the Board (from Item 5). The Commission may also request that the Board approve future agenda items for Commission discussion.

8. **Reports**

Directors, Managers, and Commission members may make brief reports and/or announcements on their activities. Unless a subject is specifically listed on the agenda, the Report is for information only and not discussion or decision. Questions for clarification are permitted.

8.1 Director's Report

8.2 Manager's Report

8.3 Commission Member Reports

9. **Adjourn:** Adjourn to next regularly scheduled meeting at 12:00 p.m., **April 11, 2018**, in the Headquarters Building Boardroom, 5700 Almaden Expressway, San Jose, CA 95118

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 Office of the Clerk of the Board at the Santa Clara Valley Water District Headquarter 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.

The Santa Clara Valley Water District will make reasonable efforts to accommodate persons with disabilities wishing to attend commission meetings. Please advise the Clerk of the Board office of any special needs by calling 1-408-630-2277.

Santa Clara Valley Water Commission's Purpose and Duties

The Santa Clara Valley Water Commission of the Santa Clara Valley Water District is established to assist the Board of Directors (Board) with policies pertaining to water supply, flood protection and environmental stewardship in the areas of interest to Santa Clara County and the Towns and Cities therein.

The specific duties are:

- Prepare policy alternatives
- Provide comment on activities in the implementation of the District's mission
- Produce and present to the Board an Annual Accomplishments Report that provides a synopsis of the annual discussions and actions.

In carrying out these duties, Commission members bring to the District their respective expertise and the interests of the communities they represent. In addition, Commissioners may help the Board produce the link between the District and the public through information sharing to the communities they represent.



SANTA CLARA VALLEY WATER COMMISSION MEETING

DRAFT MINUTES

**WEDNESDAY, OCTOBER 25, 2017
12:00 PM**

(Paragraph numbers coincide with agenda item numbers)

A rescheduled meeting of the Santa Clara Valley Water Commission was held on October 25, 2017, in the Headquarters Building Boardroom, located at the Santa Clara Valley Water District, 5700 Almaden Expressway, San Jose, California.

1. CALL TO ORDER/ROLL CALL

Chair Hon. Yoriko Kishimoto called the meeting to order at 12:04 p.m.

Members in attendance were:

<u>Municipality</u>	<u>Representative</u>	<u>Alternate</u>
City of Campbell		Hon. Susan M. Landry
City of Cupertino	Hon. Steven Scharf	
City of Gilroy		Hon. Roland Velasco
Town of Los Gatos	Hon. Barbara Spector	
Town of Monte Sereno	Hon. Evert Wolsheimer	
City of Mountain View	Hon. Lisa Matichak	
City of San José	Hon. Lan Diep*	Kerrie Romanow
City of Santa Clara	Hon. Debi Davis	
City of Saratoga	Hon. Rishi Kumar*	
City of Sunnyvale	Hon. Nancy Smith*	
County of Santa Clara	Hon. Mike Wasserman	
Santa Clara Open Space Authority	Hon. Mike Flaughner	
Midpeninsula Regional Open Space District	Hon. Yoriko Kishimoto	

Members not in attendance were:

<u>Municipality</u>	<u>Representative</u>	<u>Alternate</u>
City of Campbell	Hon. Jeffrey Cristina	
City of Cupertino		Hon. Darcy Paul
City of Gilroy	Hon. Peter Leroe-Muñoz	
City of Los Altos	Hon. Lynette Lee Eng	Hon. Mary Prochnow
Town of Los Altos Hills	Hon. Courtenay Corrigan	
Town of Los Gatos		Hon. Steve Leonardis
City of Milpitas	Hon. Garry Barbadillo	
Town of Monte Sereno		Hon. Burton Craig
City of Morgan Hill	Hon. Rich Constantine	Hon. Larry Carr
City of Mountain View		Hon. Lenny Siegel
City of Palo Alto	Hon. Adrian Fine	Hon. Tom DuBois
City of Santa Clara		Hon. Patrick Kolstad
City of Saratoga		Hon. Howard Miller
City of Sunnyvale		Hon. Larry Klein
County of Santa Clara		Hon. Cindy Chavez
Santa Clara Open Space Authority		Hon. Kalvin Gill
Midpeninsula Regional Open Space District		Hon. Jed Cyr

*Commission Member arrived as noted.

Board members in attendance were: Directors Richard P. Santos and John L. Varela, Board Representatives.

Staff members in attendance were: Hossein Ashktorab, Glenna Brambill, Norma Camacho, Usha Chatwani, Nina Hawk, Cindy Kao, Katherine Oven, Paul Randhawa, and Leslie Orta.

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

There was no one present who wished to speak.

3. APPROVAL OF MINUTES

It was moved by Hon. Mike Wasserman, seconded by Hon. Debi Davis, and by majority vote, to approve the July 26, 2017, Santa Clara Valley Water Commission meeting minutes as presented with note to correct Hon. Steve Scharf's spelling. Hon. Barbara Proctor abstained.

*Hon. Lan Diep arrived at 12:12 p.m., Hon. Nancy Smith arrived at 12:14 p.m. and Hon. Rishi Kumar arrived at 12:16 p.m.

4. ACTION ITEMS

4.1 UPDATE ON PLANNING FOR POTABLE AND NON-POTABLE WATER REUSE

Mr. Hossein Ashktorab and Ms. Katherine Oven reviewed the materials as outlined in the agenda item. Ms. Kerrie Romanow of the City of San José was available to answer questions.

Hon. Susan Landry, Hon. Nancy Smith and Hon. Lisa Matichak spoke on the many issues surrounding potable and non-potable water reuses.

Commission action:

It was moved by Hon. Yoriko Kishimoto, seconded by Hon. Nancy Smith, and unanimously carried to approve the Commission's recommendation to encourage the Board to target and concentrate its education and outreach on youth regarding potable and non-potable water reuse efforts.

4.2 JOINT USE TRAILS ON DISTRICT PROPERTY: STATUS AND UPDATES

Ms. Usha Chatwani reviewed the materials as outlined in the agenda item.

Hon. Rishi Kumar left at 1:00 p.m. and did not return. Hon. Roland Velasco left at 1:02 p.m. and did not return.

Hon. Susan Landry, Hon. Steven Scharf, Hon. Lisa Matichak, Hon. Mike Wasserman Hon. Mike Flaughner and Hon. Yoriko Kishimoto spoke on the safety, maintenance and concerns of 24/7 trails.

No action was taken.

4.3 DISCUSS UPDATE ON CALIFORNIA WATERFIX

Ms. Cindy Kao reviewed the materials as outlined in the agenda item with handouts of the Board of Directors' guiding principles and resolution. Director John Varela and Ms. Norma Camacho also gave further background on the WaterFix.

Hon. Susan Landry, Hon. Steven Scharf, Hon. Mike Flaughner Hon. Lisa Matichak, Hon. Barbara Spector and Hon. Lan Diep spoke on the concerns of water supply, the Delta and short/long term impacts of the WaterFix.

No action was taken.

4.4. REVIEW SANTA CLARA VALLEY WATER COMMISSION WORK PLAN, THE OUTCOMES OF BOARD ACTION OF COMMISSION REQUESTS AND THE COMMISSION'S NEXT MEETING AGENDA

Chair Hon. Yoriko Kishimoto and Ms. Glenna Brambill reviewed the materials as outlined in the agenda item with a handout of the Board's Performance Monitoring and Board Policy Planning Calendars.

No action was taken.

Hon. Mike Wasserman left at 1:45 p.m. and did not return.

5. **CLERK REVIEW AND CLARIFICATION OF COMMISSION REQUESTS TO THE BOARD**

Ms. Glenna Brambill reported there was one item for Board consideration.

Agenda Item 4.1:

The Commission approved to encourage that the Board target and concentrate its education and outreach on youth regarding potable and non-potable water reuse efforts.

6. **REPORTS**

6.1 Director's Report

Director John Varela reported on:

- ❖ Board Action
- ❖ Water Supply
- ❖ Flood Protection
- ❖ Community Outreach

6.2 Manager's Report

Ms. Norma Camacho reported on:

- ❖ Winter emergency Operations and Preparedness Workshop on October 26, 2017
- ❖ Introduced new Water Utility Enterprise Chief of Operations, Ms. Nina Hawk

6.3 Commission Member Reports

Chair Hon. Yoriko Kishimoto reported on:

- ❖ Midpeninsula Regional Open Space District just opened Mount Umunhum
- ❖ Legislation negotiating purchasing of potential 6,000 acres of San Jose Water land

7. **ADJOURNMENT**

Chair Hon. Yoriko Kishimoto adjourned at 2:02 p.m. to the next regular meeting on Wednesday, January 24, 2018, at 12:00 p.m., in the Santa Clara Valley Water District Headquarters Boardroom.

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

Approved:



Committee: Water Commission
Meeting Date: 01/24/18
Agenda Item No.: 4
Unclassified Manager: Michele King
Email: mking@valleywater.org
Est. Staff Time: 5 minutes

COMMITTEE AGENDA MEMO

SUBJECT: Election of 2018 Commission Chair and Vice-Chair

RECOMMENDED ACTION:

Elect the 2018 Chair and Vice-Chair

SUMMARY:

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

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

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

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

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

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

BACKGROUND:

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

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

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

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

ATTACHMENT(S):

None



Committee: Water Commission
Meeting Date: 01/24/18
Agenda Item No.: 5.1
Unclassified Manager: Michele King
Email: mking@valleywater.org
Est. Staff Time: 10 minutes

COMMITTEE AGENDA MEMO

SUBJECT: Approve 2017 Annual Accomplishments Report for Presentation to the Board

RECOMMENDED ACTION:

1. Approve the 2017 Accomplishments Report for presentation to the Board.
2. Provide comments to the Committee Chair to share with the Board as part of the Accomplishments Report presentation pertaining to the purpose, structure, and function of the Committee

SUMMARY:

This is an ACTION item:

The Accomplishments Report summarizes the committee's discussions and actions to prepare Board policy alternatives and implications for Board deliberation throughout 2017. The Committee Chair, or designee, presents the Accomplishments Report to the Board at a future Board meeting.

The Committee may provide feedback to the Committee Chair, at this time, to share with Board as part of the Accomplishments Report presentation pertaining to the purpose, structure, and function of the Committee.

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.

ATTACHMENT(S):

Attachment 1: Santa Clara Valley Water Commission 2017 Accomplishments Report

2017 Annual Accomplishments Report: Santa Clara Valley Water Commission

Update: December 2017

GP8. 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.

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	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
1	Annual Accomplishments Report	<ul style="list-style-type: none"> Review and approve 2016 Accomplishments Report for presentation to the Board. (Action) Submit requests to the Board, as appropriate. 	<p>Accomplished January 25, 2017: The Commission reviewed and approved the 2016 Accomplishments Report for presentation to the Board.</p> <p><i>The Board received the 2016 Accomplishments report at their March 28, 2017, meeting.</i></p>
2	Election of Chair and Vice Chair for 2017	<ul style="list-style-type: none"> Committee Elects Chair and Vice Chair for 2017. (Action) 	<p>Accomplished January 25, 2017: The Commission elected the 2017 Committee Chair and Vice-Chair, Hon. Yoriko Kishimoto and Hon. Rishi Kumar respectively.</p>
3	Review and Comment to the Board on the Fiscal Year 2018 Preliminary Groundwater Production Charges	<ul style="list-style-type: none"> Review and comment to the Board on the Fiscal Year 2018 Preliminary Groundwater Production Charges. (Action) Submit requests to the Board, as appropriate. 	<p>Accomplished January 25, 2017: The Commission reviewed the Fiscal Year 2018 Preliminary Groundwater Production Charges and took no action.</p>

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
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**2017 Annual Accomplishments Report:
Santa Clara Valley Water Commission**

Update: December 2017

ITEM	WORK PLAN ITEM	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
4	Water Supply Update and Drought Response/Water Supply Master Plan (Demand Management Strategies and Portfolio)	<ul style="list-style-type: none"> Receive update on water supply and drought response (Action) Provide comments to the Board, as necessary. 	<p><u>Accomplished January 25, 2017:</u> The Commission received information on the water supply and drought response and took no action.</p> <p><u>Accomplished April 12, 2017:</u> The Commission received information on the water supply and drought response and took no action.</p>
5	Review of Santa Clara Valley Water Commission Work Plan, the Outcomes of Board Action of Commission Requests and the Commission's Next Meeting Agenda	<ul style="list-style-type: none"> Receive and review the 2016 Board-approved Committee work plan. (Action) Submit requests to the Board, as appropriate. 	<p><u>Accomplished January 25, 2017:</u> The Commission reviewed their work plan, the outcomes of board action of commission requests and the Commission's next meeting agenda and requested to move status of One Water Plan item from TBD to April 12th meeting.</p> <p><i>Note: The update of the One Water Plan was moved to the July agenda as pertinent information was not available by the April 12, 2017, meeting.</i></p> <p><u>Accomplished April 12, 2017:</u> The Commission reviewed their work plan, the outcomes of board action of commission requests and the Commission's next meeting agenda and requested to have an update on FAHCE placed on the next meeting's agenda.</p>

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
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**2017 Annual Accomplishments Report:
Santa Clara Valley Water Commission**

Update: December 2017

ITEM	WORK PLAN ITEM	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
6	Review and Comment to the Board on the Fiscal Year 2018 Proposed Groundwater Production Charges.	<ul style="list-style-type: none"> Review and comment to the Board on the Fiscal Year 2018 Proposed Groundwater Production Charges. (Action) Provide comments to the Board, as necessary. 	<p><u>Accomplished April 12, 2017:</u> The Commission reviewed and made the following comment to the Board on the Fiscal Year 2018 Proposed Groundwater Production Charges.</p> <p><u>Commission Action:</u> The Commission recommended that the Board consider devising an improved communication strategy to explain the reasons behind the increase of the FY 2017-2018 proposed groundwater charges and a reasonable outlook for the next ten years.</p>
7	Socially Responsible Investment Policy	<ul style="list-style-type: none"> Receive information regarding the principles of socially responsible investment policy and provide direction. <i>(Information)</i> 	<p><u>Accomplished July 26, 2017:</u> The Commission received information regarding the principles of socially responsible investment policy and took no action.</p>
8	Santa Clara Valley Water District Communications and Community Engagement Program Update	<ul style="list-style-type: none"> Receive an update on District Communications and Community Engagement Program Update. <i>(Information)</i> 	<p><u>Accomplished July 26, 2017:</u> The Commission received an update on District Communications and Community Engagement Program Update and took no action.</p>

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
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**2017 Annual Accomplishments Report:
Santa Clara Valley Water Commission**

Update: December 2017

ITEM	WORK PLAN ITEM	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
9	Board Feedback on the Safe, Clean Water and Natural Flood Protection Program (Safe, Clean Water Program)	<ul style="list-style-type: none"> • Discussion on the Board's feedback on the Safe, Clean Water and Natural Flood Protection Program. (Action) • Provide comments to the Board, as necessary. 	<p><u>Accomplished July 26, 2017:</u> The Commission discussed the Board's feedback on the Safe, Clean Water and Natural Flood Protection Program and took no action.</p>
10	One Water Plan – April 2017 Update	<ul style="list-style-type: none"> • Receive an update on the One Water Plan. (Information) 	<p><u>Accomplished July 26, 2017:</u> The Commission received an update on the One Water Plan and took no action.</p>
11	Status Report on FAHCE	<ul style="list-style-type: none"> • Receive an update on FAHCE. (Information) 	<p><u>Accomplished July 26, 2017:</u> The Commission received an update on FAHCE and took no action. Guest speaker, Dr. Richard Lanman spoke on the Historical Ecology of of Santa Clara County.</p>
12	Update on Planning for Potable and Non-Potable Water Reuse	<ul style="list-style-type: none"> • Receive an update on Planning for Potable and Non-Potable Water Reuse (Information) 	<p><u>Accomplished October 25, 2017:</u> The Commission received an update on Planning for potable and on-potable water reuse and took the following action:</p> <ul style="list-style-type: none"> • The Commission unanimously carried to approve the Commission's recommendation that the Board target and concentrate its education and outreach on youth regarding potable and non-potable water reuse efforts. <p><i>Board approved the Commission's request at its 12/12/17, meeting.</i></p>

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
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**2017 Annual Accomplishments Report:
Santa Clara Valley Water Commission**

Update: December 2017

ITEM	WORK PLAN ITEM	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
13	Joint Use Trails on District Property: Status and Updates	<ul style="list-style-type: none"> Receive an update on the joint use of trails. <i>(Information)</i> 	<p><u>Accomplished October 25, 2017:</u> The Commission received status and update on The joint use trails on district property and took no action.</p>
14	Discuss Update on California WaterFix	<ul style="list-style-type: none"> Discuss the update on California WaterFix, <i>(Information)</i> 	<p><u>Accomplished October 25, 2017:</u> The Commission discussed the California WaterFix and took no action.</p>

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
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Committee: Water Commission
Meeting Date: 01/24/18
Agenda Item No.: 5.2
Unclassified Manager: Rick Callender
Email: rcallender@valleywater.org
Est. Staff Time: 15 minutes

COMMITTEE AGENDA MEMO

SUBJECT: Civic Engagement

RECOMMENDED ACTION:

This is a discussion item and the Commission may provide comments if applicable, however, no action is required.

SUMMARY:

This is an update to the committee regarding the programs and projects in the Office of Civic Engagement

BACKGROUND:

The Office of Civic Engagement (OCE) was officially formalized on August 28, 2017. The purpose of the new unit is to advance and build positive and proactive relationships with the community through engagement, education, and partnerships. The programs and projects in the unit are designed to provide the community with access to resources and opportunities that will help build understanding, trust, and support for the District's goals and mission.

The OCE is organized into two (2) program areas:

Community Benefits Program

1. Safe, Clean Water Grants & Partnerships Program
2. Creek Stewardship
3. Public Arts & Signage

Water Education & Volunteer Program

1. District Volunteer Project
2. Water Education Outreach
3. Recycled Water Outreach

Water Education & Volunteer Program

The Office of Civic Engagement is in the process of expanding the Water Education and Volunteer Program in a way that will help further the District's goals in water education and diversity engagement. Currently, the Program includes the following project areas: Recycled Water Outreach, Water Education Outreach, and a new District Volunteer pilot project.

A. District Volunteer Project. The goal of this new project is to develop an integrated and robust volunteer experience that engages a diverse group of volunteers to expand opportunities beyond just creek cleanups to other functions and areas within the District that could benefit from volunteer support. The first two project areas that will be expanded by volunteer support include the Water Education and Recycled Water Outreach projects to add bilingual teachers and tour docents to not only support those projects areas with trained volunteer resources, but to also further the OCE Unit's goal of diversity engagement. Having bilingual volunteers will allow the District to engage diverse communities that might not be accomplished otherwise.

Staff is currently working on developing a project plan to launch a new District Volunteer project in early 2018. Staff is gathering information from similar volunteer programs throughout the County to better understand structure, training programs, HR compliance and regulatory issues, background clearance and projected costs among other items, to build out our own program.

The volunteer project will include the following components and elements that are still under development for an early spring 2018 launch:

- a. Volunteer Staff Advisory Group - Form staff advisory group of influential volunteer leaders to help build and recruit other interested volunteers and provide input on volunteer opportunities.
- b. Bilingual Volunteers - Recruit and train a cadre of 5 -10 bilingual volunteers initially to serve as either education teacher aids, and/or tour docents for facility tours at the Silicon Valley Advanced Water Purification Center and/or other facilities, open house events, or special projects.
- c. Adopt-A-Creek Volunteers - Continue to grow and expand Adopt-a-Creek volunteers for creek cleanups and other potential volunteer opportunities.
- d. Ambassador program - Develop District ambassadors in which volunteers get specific training on local water issues and messaging. Ambassadors will then and serve as neighborhood leads in distributing messages when needed.

B. Water Education Outreach Project Area. The goal of the Water Education Outreach project area is to provide educational programming and outreach to students and youth about important water issues but also District projects and initiatives, as well as to showcase the type of careers possible with the District. Project staff have been busy presenting at libraries and in classrooms, leading field trips at the District's five outdoor classrooms and fielding many other requests for educational programming.

Silicon Valley Boys and Girls Clubs - Staff visited all the first and second graders at the local clubs over the Spring and repeated the visits again over the Summer to the third and fourth graders. Staff presented activities focused on watersheds, water pollution, the water cycle, and salmon survival.

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students annually; by the end of December, staff expects to have reached close to 6,000 students through our lessons and outreach.

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Looking ahead, staff will look to expand the project area by providing bilingual volunteer teachers and docents to support project goals, and provide engagement opportunities to community members interested in enrichment and volunteering opportunities. Staff will also be targeting outreach to Middle Schools, South County & underserved communities, and ensuring that curriculum is aligned with the Next Generation Science Standards, and furthering school partnerships. Staff will also be furthering the District Flood Awareness campaign & outreach by incorporating a flood awareness coloring contest and furthering school partnerships

C. Recycled Water Outreach Project. Since the reorganization, staff has focused further on expanding potable reuse education and outreach, specifically under stakeholder engagement and multi-cultural outreach efforts where several key milestones were met.

Multi-cultural outreach - Efforts have included extensive outreach to the Asian community this summer to promote the recycled and purified water program and tours, as well as a hosting a hugely successful Asian Community Tour Day event that was part of staff's strategy to increase the District's visibility in the Asian community. The Asian Community Tour Day was held on July 15, 2017 at the Silicon Valley Advanced Water Purification Center. The event was well-attended with 250 community members attending, well above the projected number of 100 people. Directors Nai Hsueh and Richard P. Santos met guests with welcome remarks, and tours were offered in multiple languages of English, Chinese, and Vietnamese.

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Currently, staff is wrapping up a potable reuse opinion survey and working on securing a Social Marketing/ Media contractor within the next few months to develop a Potable Reuse social media plan that addresses Direct Potable Reuse. Looking ahead, staff will also plan for ways to incorporate volunteer support in the form of bilingual tour docents and provide training to volunteers to assist in this effort to engage with diverse and multi-ethnic communities.

Community Benefits Program

The development of the Community Benefits Program demonstrates the District's commitment to providing opportunities that will make positive and sustainable social impacts in the communities that we serve. The programs and projects under Community Benefits Program will provide access to resources, engage, and collaborate with community members through grants and partnerships, creek stewardship volunteerism, and public arts projects.

A. Safe Clean Water Grants & Partnerships. Reorganizing the Safe, Clean Water Grants & Partnerships Program (SCW Grants Program) under the Office of External Affairs allows the District to increase our engagement with the community as well as broaden the reach and impact of our grant and partnership dollars. With the SCW Grants Program closely connected to the other units under External Affairs, staff is able to coordinate broader outreach efforts with Communications and Government Relations and stay closely connected with the needs and concerns of the community through Community Engagement and the Education programs.

Below is the current status for each SCW priority:

SCW Program Priority	# Funded Projects	Total Funding Awarded	FY2018 Status
A2 - Hydration Stations	50	\$250,000	5 additional schools to fund
B3 - Pollution Prevention	12	\$1.8 M	Funding released Nov 1; due Jan 12, 2018
B7 - Volunteer Cleanup & Education	7	\$350,000	Funding released Aug 4 - Oct 27; funding decisions Mar 2018
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D3 - Restoration	22	\$4 M	Anticipated release Jan 2018
D3 - Mini-grants	0	\$ 0	Funding released Jul 31; apps accepted ongoing until all funding is awarded

Moving forward, staff will prioritize three areas for the SCW Grants Program: *Engagement, Outreach, and Efficiency*. Staff intends to get more engaged with grantees and their projects by conducting more site visits, providing timely technical assistance, and staying engaged with project status. Grantees' projects are intended to be an extension of the District's positive impacts to the community, therefore, establishing strong relationships with grantees allows staff to not only stay connected but also have a stronger presence as the project moves along to completion. Staff is also committed to expanding our outreach efforts. In order for projects to be more diverse and have a broader community impact, the outreach efforts to ensure a more diverse pool of applicants is critical. For FY2018's grant cycle, Staff has conducted outreach in communities that have not submitted project proposals in the past and hopes to build more relationships in the community to encourage more active participation in our grants & partnerships program. Staff is also seeking to utilize partnership funding to expand the District's impact in underserved communities.

For the grant cycles in FY2018, the District piloted an online grants application system to streamline the application process. All applications were submitted online and are also currently being reviewed and evaluated through the online system. Staff is seeking to expand the grants system to also include the management of the grant-funded projects once awarded. Grantees will be able to submit invoices, project status reports, and other supporting documents all through the online system with built in forms and templates to make the process easier and more efficient for the grantees and staff. Staff is working with Procurement to solicit bids for a vendor that will be able to implement the expansive grants management system to provide greater efficiency for the program. Staff anticipates implementing the full grants management system in FY2019.

B. Creek Stewardship. The District continues to receive active and increasing participation from the community for our various cleanup efforts. Through all our cleanup projects, volunteers contribute thousands of in-kind service hours and remove hundreds of thousands of pounds of trash throughout Santa Clara County (County). There are currently 139 Adopt-A-Creek (AAC) partners that actively coordinate bi-annual cleanups at their adopted sites. The District also coordinates the One-Day Use Permits project and have already provided 36 one-day permits this calendar year for cleanups. Additionally, the District continues to host annually the National River Cleanup Day (NRCD) and Coastal Cleanup Day (CCD). This year, 1,251 volunteers for NRCD cleaned 48 sites (65 miles of creek) and collected 36,494lbs of trash. For CCD, 1,892 volunteers cleaned 50 sites (68 miles) and picked up 50,838lbs of trash. On September 30th, the District worked with the Board to host the Coyote Creek Cleanup, where 136 volunteers gathered at two sites and collected a total of 5.25 tons of trash.

Creek Stewardship Cleanup Efforts Achievements 2017 (to date) <i>National River Cleanup Day (May) Coastal Cleanup Day (Sept) Coyote Creek Cleanup (Sept)</i>	
# of Volunteers	3,279
# of Volunteer Hours	13,116
# of Creek Miles Cleaned	133.37
# lbs of trash removed	101,092
Total of Hours In-Kind Value	\$367,248

Staff is working to continually improve how we coordinate our cleanup efforts, collect data, and support the volunteerism for the projects. For the AAC project, staff is developing an interactive GIS map that will allow the public to locate all the creeks on District property. The map would identify adoptable creek sections as well as the ones that are currently adopted. The map would allow the public to submit the adoption form directly online to streamline the process and allow for residents to research areas of interest and easily register as AAC partners. Staff established an online reporting form to capture the number of volunteers, pounds of trash collected, miles of creek cleaned, and pictures of the trash that was collected via Access Valley Water. This will allow the District to start collecting more data for AAC and the One-Day Use Permit projects.

C. Public Arts & Signage. Staff is in the process of developing the Public Arts & Signage program that will utilize art to convey messages about water conservation, environmental protection and stewardship, pollution prevention, and other District values. Creating art projects throughout the County will allow the District to have a presence and be a part of the culture and fabric of the various communities we serve. Additionally, the public art projects will further educate, bring awareness, and build community support around stream stewardship, environmental protection, water conservation, among other District efforts and initiatives. Staff has developed an outline of the program which will initially consist of the following two components:

1. **Adopt-A-Bench Project** - Revitalize interpretive signs & benches by allowing the public to “adopt” a bench and propose an artistic design for the bench.
2. **Art Grants** - Award grants to the community to collaborate on public arts projects (i.e. murals, art installation)

In FY2018, staff will continue to research and gather information to build out the components of the program. Staff is working to reach out to all the cities in the County to understand the procedures for commissioning public arts within each respective jurisdiction. Staff is also working to identify the locations of all the District's interpretive signs and benches to develop an interactive GIS map, similar to the Adopt-A-Creek project. The map will allow the public to view information about the benches & signage and, if interested, submit a form to "adopt" the bench and propose an art design. Staff anticipates piloting the program with 7 adoptable benches in FY2018, with one bench in each Board Member's district. Staff intends to request resources through the FY2019 budget process to carry out the program.

ATTACHMENT(S):

- Attachment 1: Community Benefits Program Overview
- Attachment 2: Water Education & Volunteer Program
- Attachment 3: PowerPoint

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Civic Engagement Unit

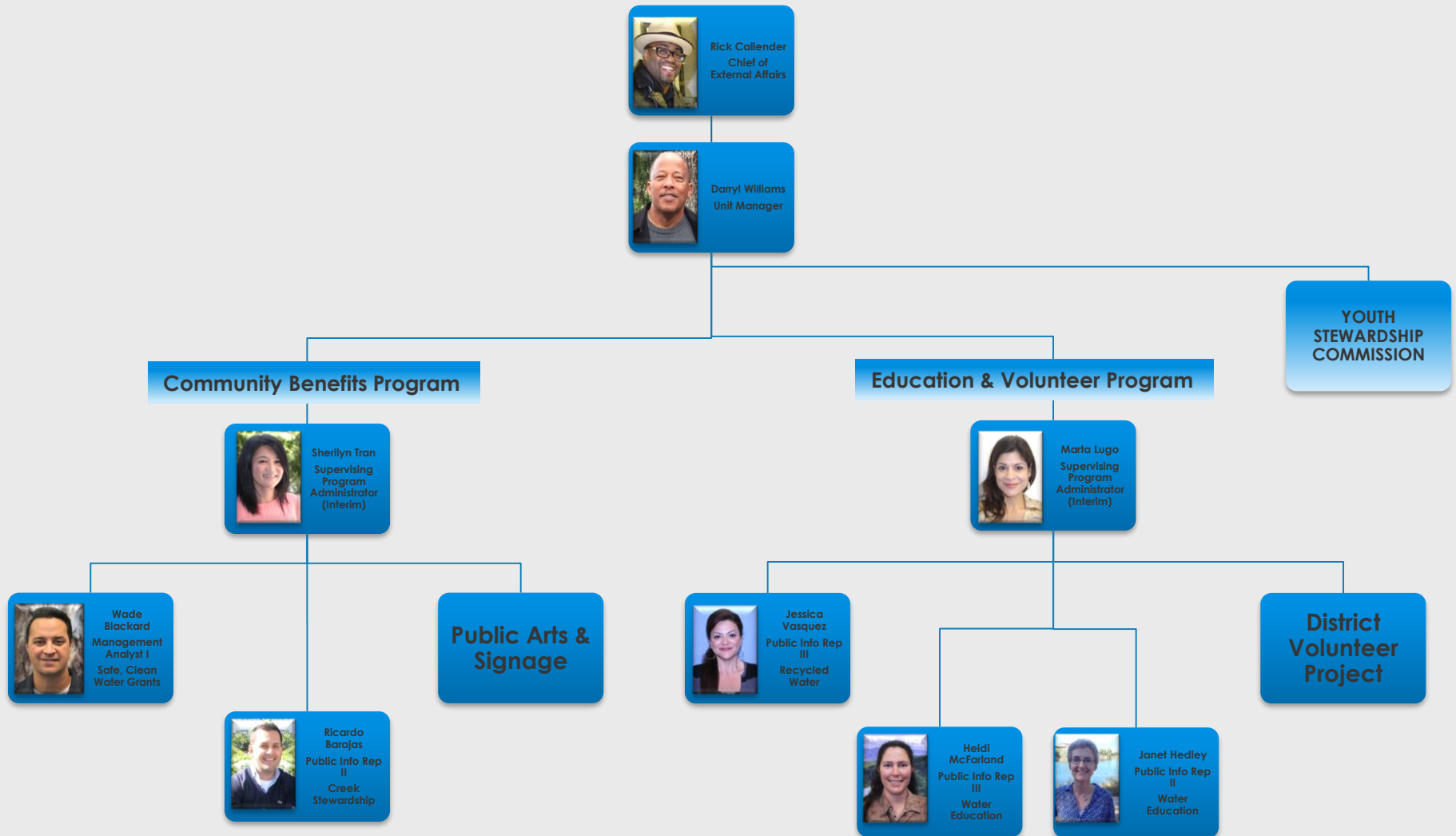
Board Presentation
December 12, 2017



Value Statement

The purpose of the **Office of Civic Engagement** is to advance and **build positive and proactive relationships** with the **community** through **engagement, education, and partnerships**. The programs and projects in the unit are designed to provide the community with **access to resources** and **opportunities** that will help **build understanding, trust, and support** for the District's goals and mission.

Civic Engagement Structure



Community Benefits Program

Safe, Clean Water Grants & Partnerships



Photo: SF Bay Wildlife Society Project funded by B3 Pollution Prevention

Creek Stewardship



Photo: National River Cleanup Day Volunteers

Public Arts & Signage



Photo: Acquired from Internet - unknown location/artist

Safe, Clean Water Grants Program

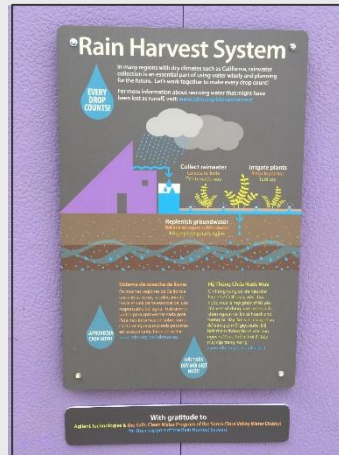


Foothills Park Riparian Enhancement Project

2014 Safe, Clean Water Grant
July 2014 - June 2017

(A3760R)

Lead Agency: Grassroots Ecology/Acterra
Partner Agency: City of Palo Alto



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Engagement

more site visits, timely technical assistance, engaged with project progression

Outreach

broader outreach into underserved communities, expand impact of grant dollars

Efficiency

implement Grants Management System to streamline pre and post award process for staff and grantees

Creek Stewardship

Creek Stewardship Cleanup Efforts Achievements 2017 (to date)

National River Cleanup Day (May) Coastal Cleanup Day (Sept) Coyote Creek Cleanup (Sept)

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Public Arts & Signage

Using **art** to convey messages about **water conservation**, **environmental protection** and **stewardship**, **pollution prevention**, and other **District values** throughout the county, will allow the District to be a part of the **culture** and **fabric** of the various **communities we serve**.

Adopt A Bench



Art Grants



Water Education & Volunteer Program

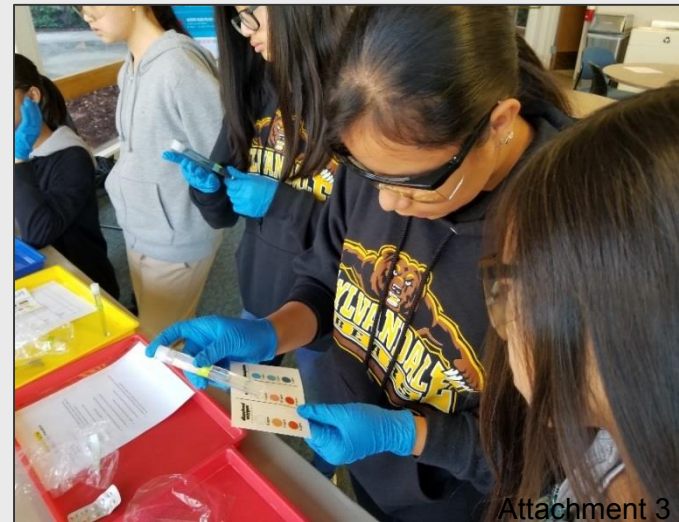
District Volunteer



Recycled Water Outreach



Water Education Outreach



District Volunteer Project

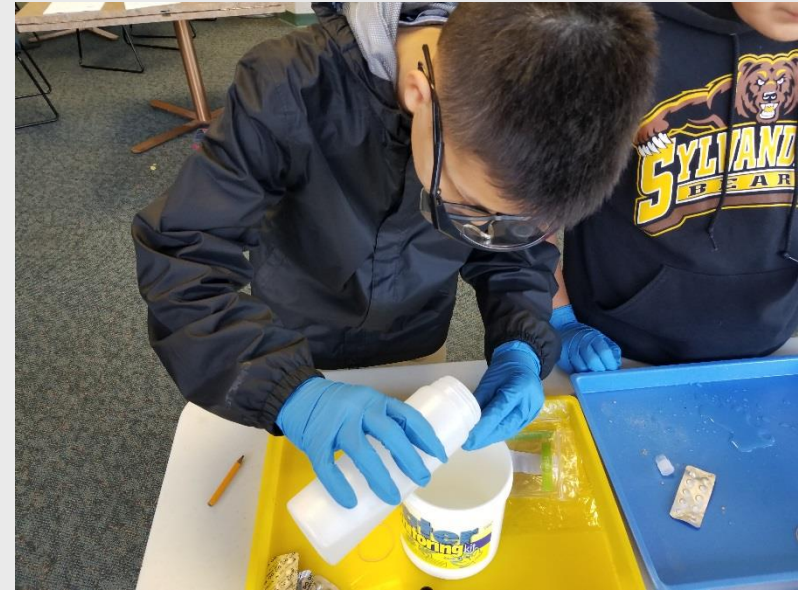
Create a robust **volunteer experience** that engages a **diverse** group of volunteers to **expands opportunities** beyond just creek cleanups to other functions and areas within the District that could benefit from **volunteer support**



Water Education

Successes and Milestones 2017

- County and City Library Outreach
- Summer Camp Programming
- First Lego-League Hydrodynamics Fall Tours & Presentations



Water Education

Looking ahead...

- Add Volunteers & Bilingual Tour Docents
- Targeted Schools outreach
- Flood Awareness & Recycled & Purified Water Outreach



Recycled Water

Success & Milestones

- Asian Community Tour Day on July 15
- Youth Tours at SVAWPC
- Community & Employee Outreach



Recycled Water

Looking ahead...

- Develop Bilingual Volunteer Tour Docent Program
- Multi-Ethnic Outreach & Special Events
- Social Marketing/ Media Campaign



Youth Commission

Foster greater involvement of **youth** in local government to **inspire** and develop **future public policy leaders** and professionals with an **awareness** of issues and activities relating to **water supply, conservation, flood protection, and stream stewardship.**



City of Fresno Youth Commission



Highlights of Key Accomplishments



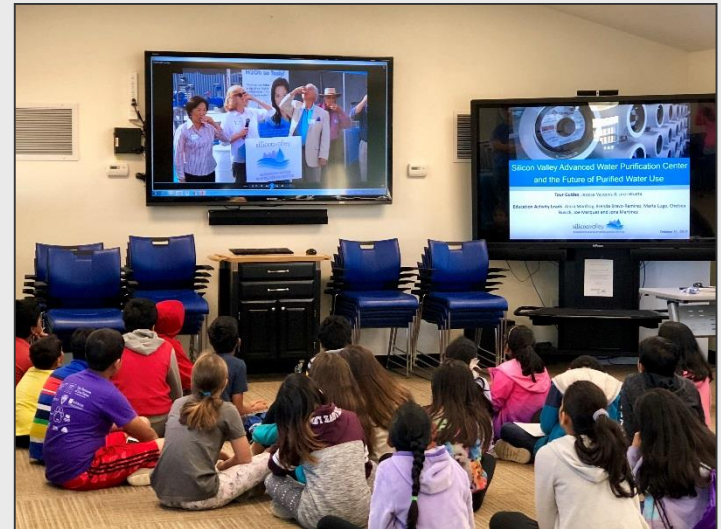
Asian Community Tour Day, July 15



Volunteer Recognition Awards, August 29



Coyote Creek Cleanup Day, September 30



1st Lego League SVAWPC Tour, October 21

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Committee: Water Commission
01/24/18 01/24/18
Agenda Item No.: 5.3
Unclassified Manager: Darin Taylor
Email: dtaylor@valleywater.org
Est. Staff Time: 45 Minutes

COMMITTEE AGENDA MEMO

SUBJECT: Review and Comment to the Board on the Fiscal Year 2018-2019 Preliminary Groundwater Production Charges

RECOMMENDED ACTION:

Discuss and consider the attached preliminary groundwater production charge analysis and provide comment to the Board on policy implementation, as necessary.

SUMMARY:

This is an Information only item:

Staff has prepared the preliminary FY 2018–19 groundwater production charge analysis and is seeking input to incorporate into the development of the groundwater production charge recommendation that will be published in the annual Protection and Augmentation of Water Supplies (PAWS) report on February 23, 2018. The analysis includes a current water use projection, a discussion of changes to the capital cost projection, and some scenarios for Board consideration. Staff has developed a Base Case preliminary FY 2018-19 groundwater production charge projection, which is lower than the prior year projection due to a reduced cost forecast for imported water, and the push out of certain capital project costs.

BACKGROUND:

Executive Limitation 7.4: A BAO shall “marshal for the Board as many staff and external points of view, issues and options as needed for fully informed Board choices.”

For the FY 2018-19 groundwater production charge setting process, staff is seeking input on the preliminary analysis to incorporate into the development of the groundwater production charge recommendation.

ATTACHMENT(S):

Attachment 1: 1-9-18, Board Agenda Memo and Staff Report and Preliminary FY 2018-19 Groundwater Production Charges Information

File No.: 17-0842

Agenda Date: 1/9/2018

Item No.: 5.1.

BOARD AGENDA MEMORANDUM

SUBJECT:

Preliminary Fiscal Year (FY) 2018-19 Groundwater Production Charges Analysis.

RECOMMENDATION:

Discuss and provide direction on the preliminary FY 2018-19 Groundwater Production Charge analysis prepared by staff.

SUMMARY:

Staff has prepared the preliminary FY 2018-19 groundwater production charge analysis for Board review. The analysis includes a current water use projection, a discussion of key capital project funding, and some scenarios for Board consideration. Staff has developed a Base Case preliminary FY 2018-19 groundwater production charge projection, which is lower than the prior year projection due to a reduced cost forecast for imported water, and the impact of incorporating the Public-Private Partnership (P3) delivery approach for the Purified Water Program, partially offset by an increase in the cost of the Anderson Dam Seismic Retrofit. Staff is seeking Board input on the preliminary analysis to incorporate into the development of the groundwater production charge recommendation.

The groundwater production charge recommendation will be detailed in the *Annual Report on the Protection and Augmentation of Water Supplies* that is planned to be filed with the Clerk of the Board on February 23, 2018. The public hearing on groundwater production charges is scheduled to open on April 10, 2018. It is anticipated that the Board would set the FY 2018-19 groundwater production charges by May 8, 2018, that would become effective on July 1, 2018.

The District protects and augments water supplies for the health, welfare and safety of the community. County-wide, groundwater replenished by the District makes up, on average, two-thirds of the groundwater used by residents, retailers and businesses. The District replenishes the groundwater basins with local water and purchased water imported from the Sierra Nevada mountains. The activities undertaken by the District to acquire, monitor, recharge, and protect the water supply in support of the Silicon Valley economy are funded, in part, through groundwater production charges.

The FY 2018-19 groundwater production charge and surface water charge setting process will be conducted consistent with the District Act, and Board resolutions 99-21, 12-10, and 12-11. (Attachments 2-4).

Water Use Assumptions

District managed water use for FY 2016-17 is estimated to be approximately 207,000 acre-feet (AF), which is roughly 2,000 AF higher than budgeted that year and is roughly a 27.6% reduction versus calendar year 2013. (District-managed water use excludes Hetch Hetchy, and San Jose Water Company owned water supplies). For the current year, FY 2017-18, staff estimates that water usage will meet the budgeted water use of 217,000 AF, which is roughly a 24% reduction versus calendar year 2013. For purposes of the preliminary analysis, staff is assuming a water usage of 226,000 AF for FY 2018-19, which is a 4% increase relative to the estimated FY 2017-18 water usage, a 21% reduction versus calendar year 2013, and consistent with water usage patterns after the drought that occurred between 2007 and 2011.

Staff will carefully monitor monthly water use actuals and work closely with the water retailers during the upcoming rate setting process to modify the water usage forecast as necessary.

Groundwater Production Charge Projections

Staff has prepared a Base Case preliminary groundwater production charge projection for Board review. It assumes a 9.2% increase in the North County M&I groundwater production charge from \$1,175/AF to \$1,283/AF for FY 2018-19, and 6.8% in the South County from \$418/AF to \$446/AF. It also assumes a 6.8% increase in the Ag groundwater production charge for FY 2018-19 from \$25.09/AF to \$26.79/AF.

This projection is lower than the prior year's projection for North County primarily due to reduced imported water costs, and incorporating the P3 delivery approach for the Purified Water Program, partially offset by a cost increase for the Anderson Dam Seismic Retrofit. For South County, the preliminary groundwater charge projection for FY 2018-19 is higher than the prior year projection due to a higher cost projection for the Anderson Dam Seismic retrofit, which has more than offset the lower imported water cost forecast. The prior year projection reflected a 9.6% increase in the North County M&I groundwater production charge, 5.7% for South County M&I, and 5.7% for the agricultural groundwater production charge for FY 2018-19.

Staff anticipates no changes to the current contract treated water surcharge and the non-contract treated water surcharge for FY 2018-19.

The overall impact of the preliminary analysis for FY 2018-19 to the average household would be an increase of \$3.72 per month in North County and \$0.96 per month in South County.

Other Assumptions

The Base Case preliminary analysis assumes the continued practice of relying on the State Water Project (SWP) Tax to pay for 100% of the SWP contractual obligations. Pursuant to Water Code Section 11652, the District, whenever necessary, is required to levy on all property in its jurisdiction not exempt from taxation, a tax sufficient to provide for all payments under its SWP contract with the California Department of Water Resources (DWR). The District is anticipating a \$6.8M decrease in SWP costs for FY 2018-19 due to large adjustments in projected costs provided by the DWR.

Accordingly, the preliminary analysis assumes a decrease in the SWP Tax for FY 2018-19 to \$18M from \$26M. The SWP Tax for the average household in Santa Clara would go from \$39.00 per year to \$27.00 per year. Note that the SWP tax projection for FY 2018-19 does not include any costs for the California Water Fix (CWF). Staff anticipates obtaining direction from the Board with regard to reliance on the SWP Tax for CWF purposes upon execution of CWF agreements. Consistent with Guiding Principal #6 of Board Resolution 17-68, the Base Case CWF cost projection in the preliminary analysis is based on a 5% share of the SWP-only CWF project, in other words a 2.8% share of the combined 9,000 cubic-feet-per-second state/federal project. This share would provide substantial reliability for existing Central Valley Project (CVP) supplies as well as existing SWP supplies.

The Base Case preliminary analysis also assumes the continued practice to set the South County agricultural groundwater production charge at 6% of the M&I charge. Staff is researching the potential to implement a grant or discount program that could accompany an increased agricultural groundwater production charge in terms of percentage of the M&I charge.

A Drought Reserve was established in FY 2015-16, and was budgeted at \$5M for FY 2017-18. No further funding for this reserve is included in the preliminary analysis. The purpose of this reserve would be to help minimize rate impacts and fluctuation during the next drought, and would complement the Supplemental Water Supply Reserve. The preliminary analysis includes a new P3 reserve seeded at \$4M in FY 2018-19. The purpose of this reserve would be to help minimize the impact of unforeseen events associated with the Purified Water Program. The preliminary analysis does not include unfunded capital projects or additional unfunded operations cost needs identified by staff.

Scenarios

Staff has prepared a graphic that shows the impact of potential water supply investments if added to the Base Case preliminary projection. Those potential investments include CWF at 7.5% participation level, Pacheco Reservoir Expansion assuming a \$485M Proposition 1 grant, Pacheco Reservoir Expansion assuming a \$250M Proposition 1 grant, and Sites and Los Vaqueros Reservoir Storage Expansion projects assuming full Proposition 1 grant funding. The CWF at 7.5% participation level scenario reflects the incremental cost (relative to the Base Case) of a 7.5% share of the SWP-only CWF project, or in other words a 4.1% share of the combined 9,000 cubic-feet-per-second state/federal project. The scenarios involving the Pacheco Reservoir Expansion assume that the Water Utility would fund the entire project. As the evaluation of that project proceeds and the benefits are better understood, other potential funding sources may be evaluated.

FINANCIAL IMPACT:

This preliminary analysis of the groundwater production charges does not have any direct financial impact, however, the adopted groundwater production charges will affect the future finances of the Water Utility Enterprise.

CEQA:

CEQA Guidelines Section 15273: CEQA does not apply to establishment or modification of water rates.

ATTACHMENTS:

Attachment 1: PowerPoint

Attachment 2: SCVWD Resolution 99-21 (Pricing Policy)

Attachment 3: SCVWD Resolution 12-10

Attachment 4: SCVWD Resolution 12-11

UNCLASSIFIED MANAGER:

Nina Hawk, 408-630-2736

Preliminary FY 19 Groundwater Production Charge Analysis

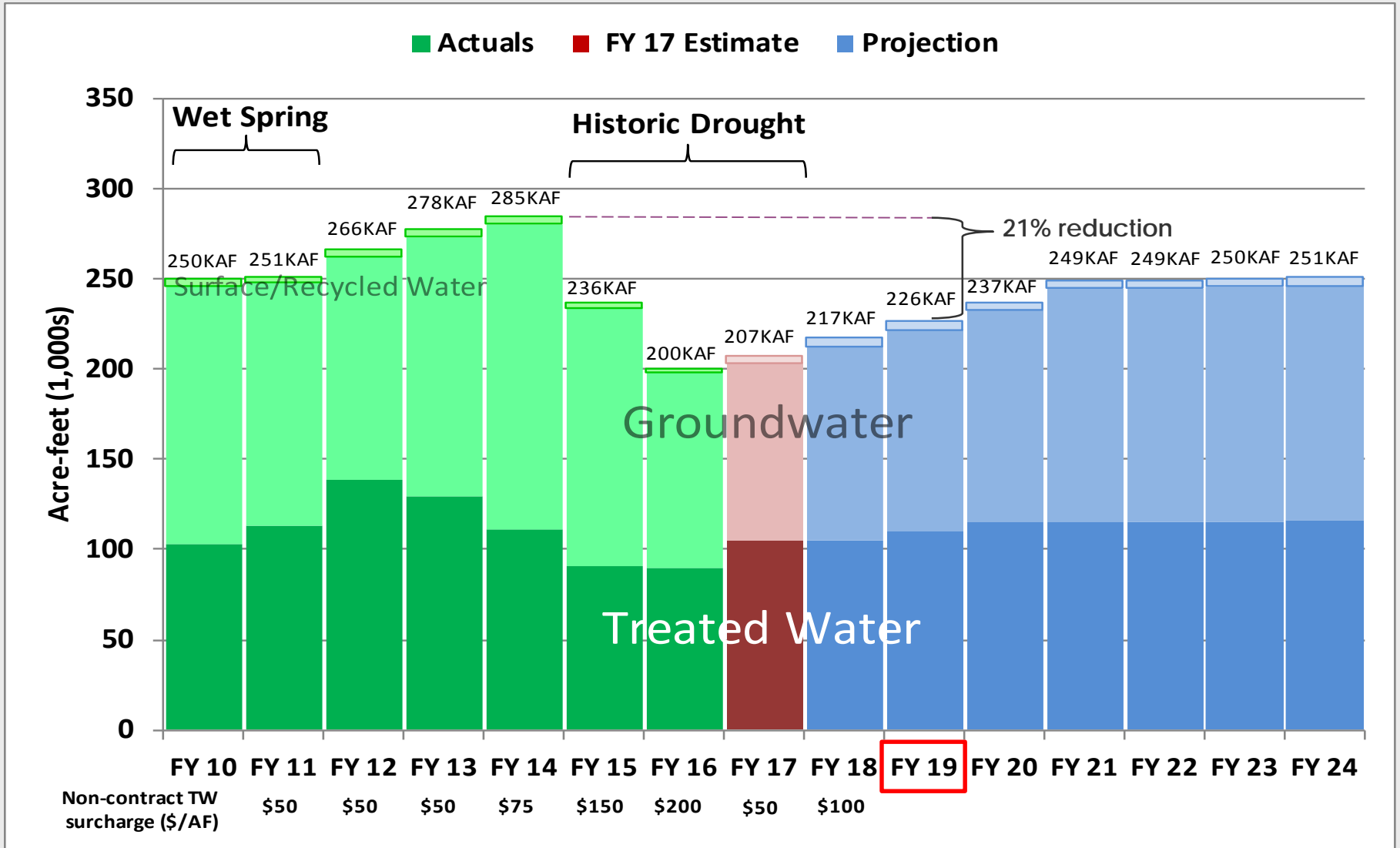
January 9, 2018



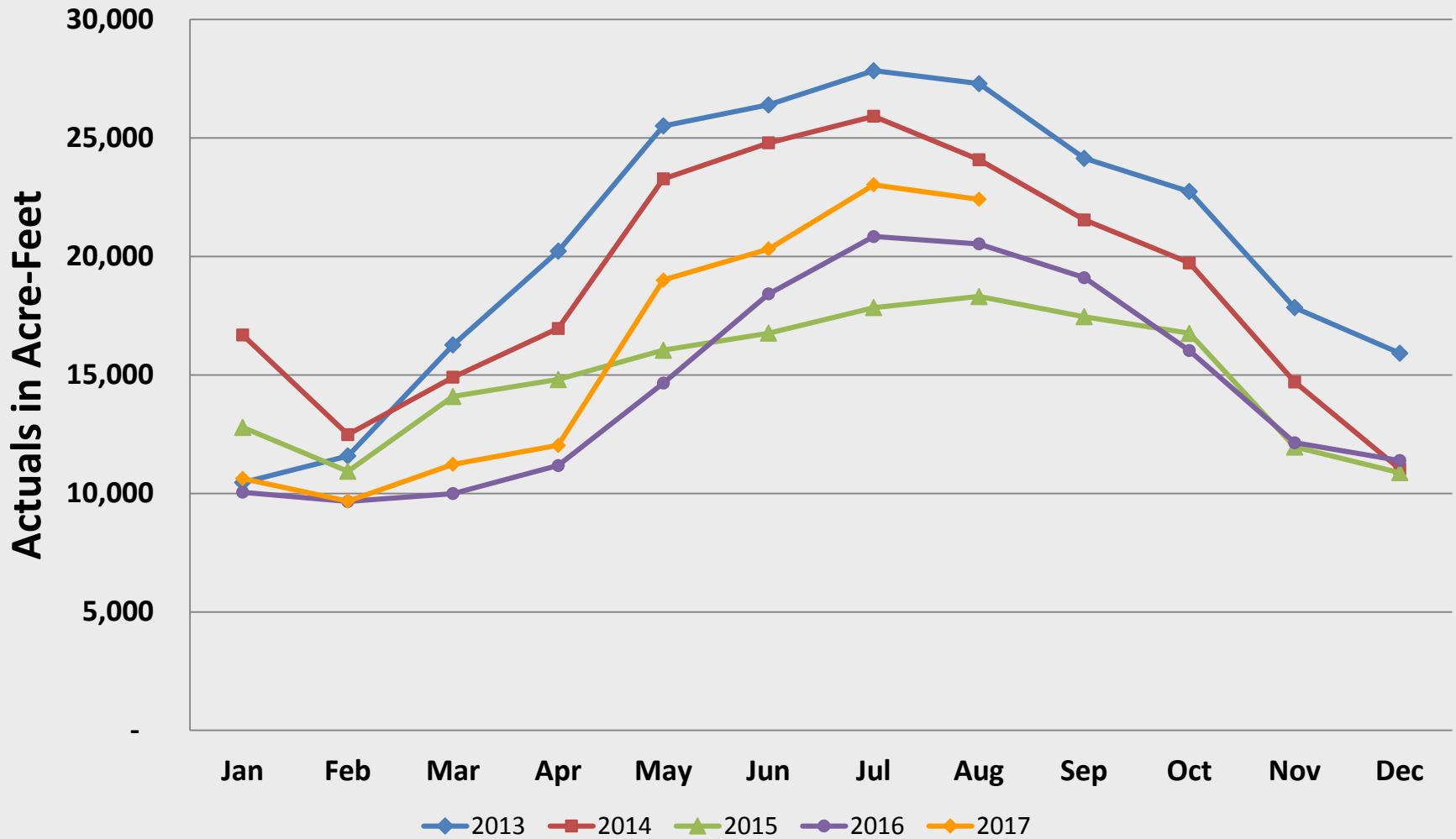
Presentation Outline

1. Water Use
2. Financial Analysis
 - ▶ FY 19 Analysis Key Assumptions
 - ▶ Preliminary Cost Projection
 - ▶ Preliminary Groundwater Production Charge Projection
 - ▶ Scenarios
 - ▶ Other Information
3. Schedule
4. Discussion/Wrap up

Water Usage (District Managed)

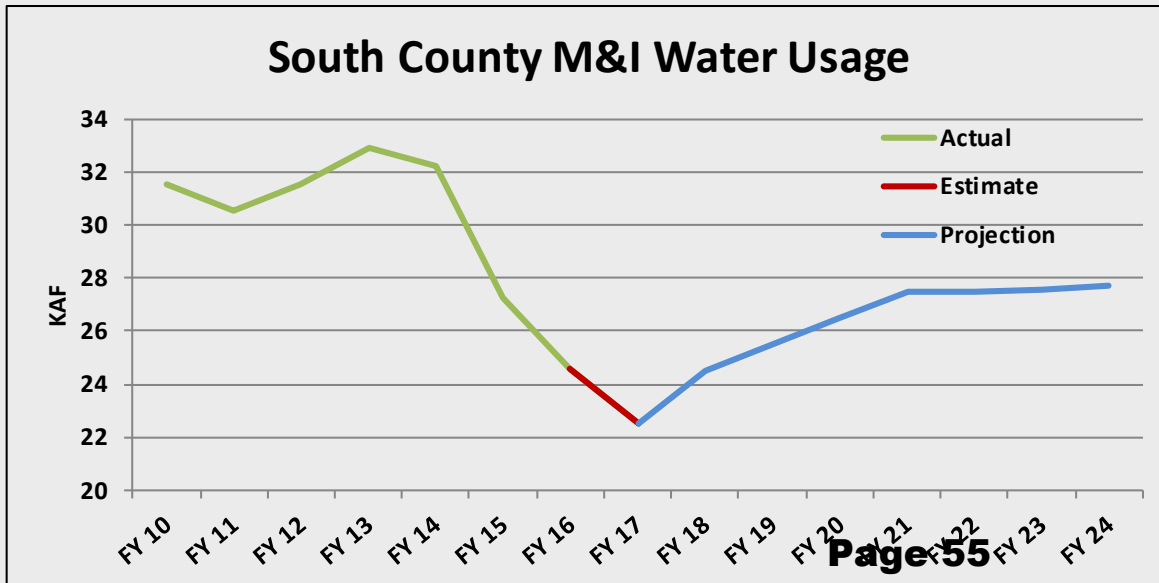
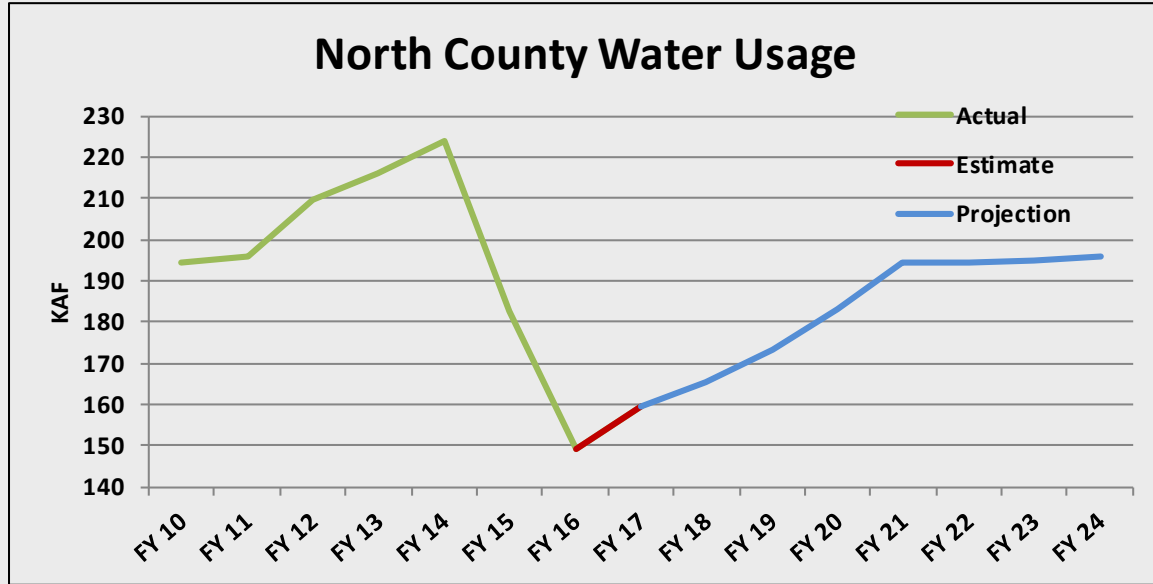


Historic Water Usage (Groundwater & Treated Water)



Water Usage Trend by Zone

Water Usage by Zone
(Groundwater, Treated Water,
Surface Water)



Presentation Outline

1. Water Use



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Financial Analysis: Key Assumptions for Base Case

California Water Fix (CWF):

- ▶ Cost projection based on 5% share of SWP-only CWF project
- ▶ State Water Project Tax reliance to be considered when CWF agreements are in place

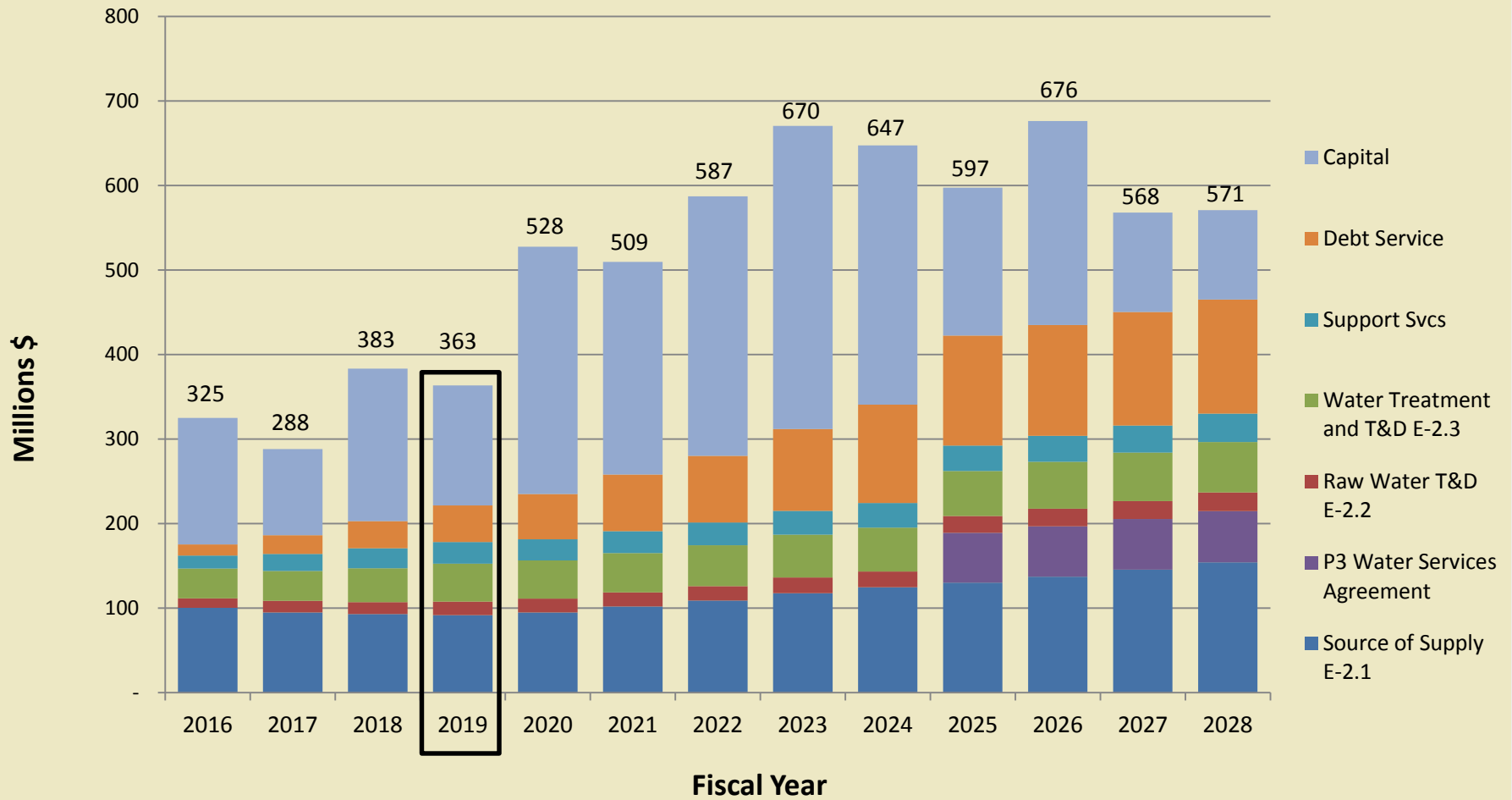
Expedited Purified Water Program:

- ▶ Includes P3 project delivery method for IPR to Los Gatos Ponds to produce 24KAF
 - ▶ P3 cost projection based on \$630M capital project, District contributes 30% “pay as you go”
 - ▶ Includes new P3 reserve at \$4M in FY 19 growing to \$10M by FY 21
- ▶ Includes Long Term Purified Water Program Project to produce incremental 20KAF
 - ▶ \$368M design build capital project

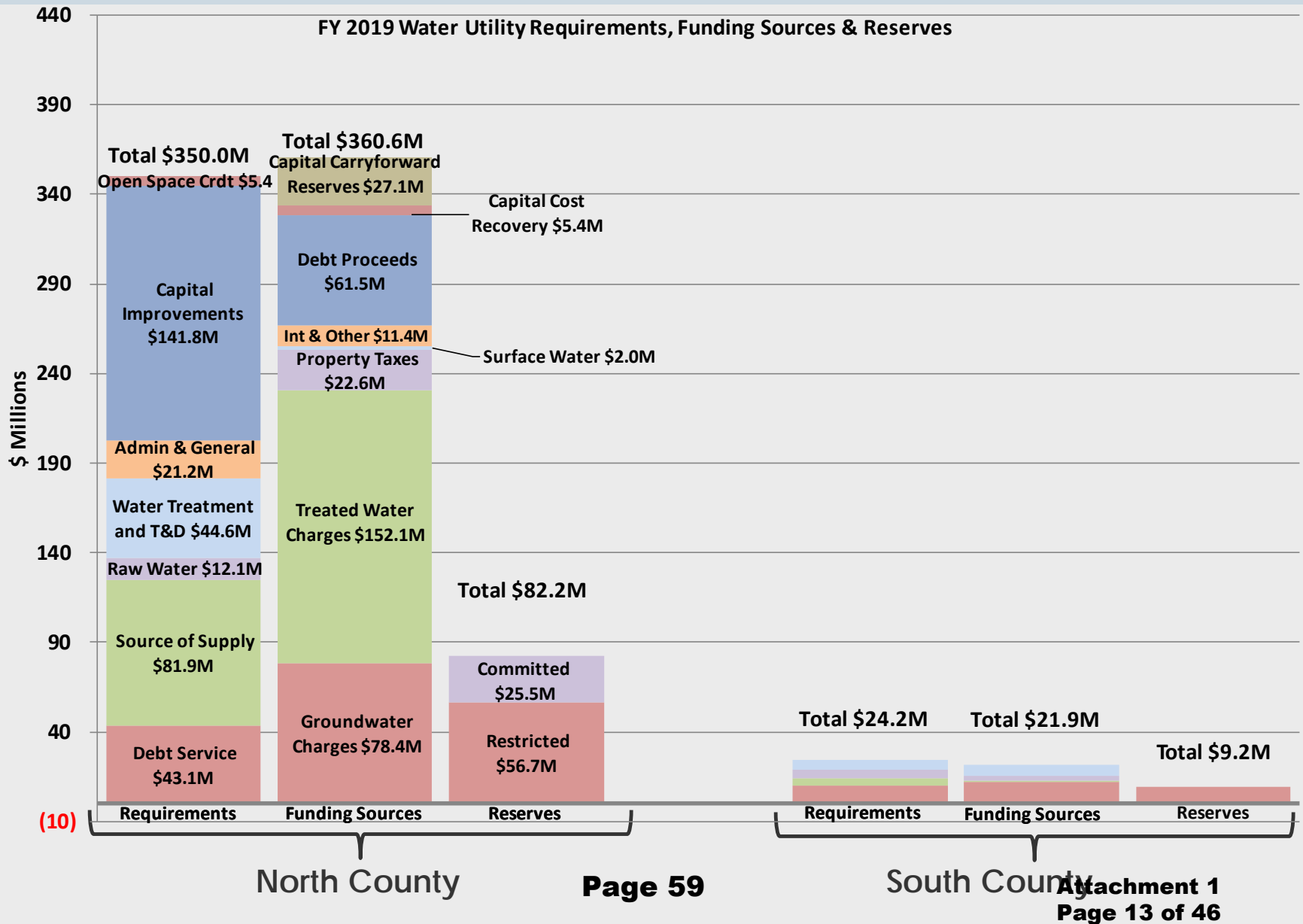
Water Supply Master Plan:

- ▶ Includes “No Regrets” Package

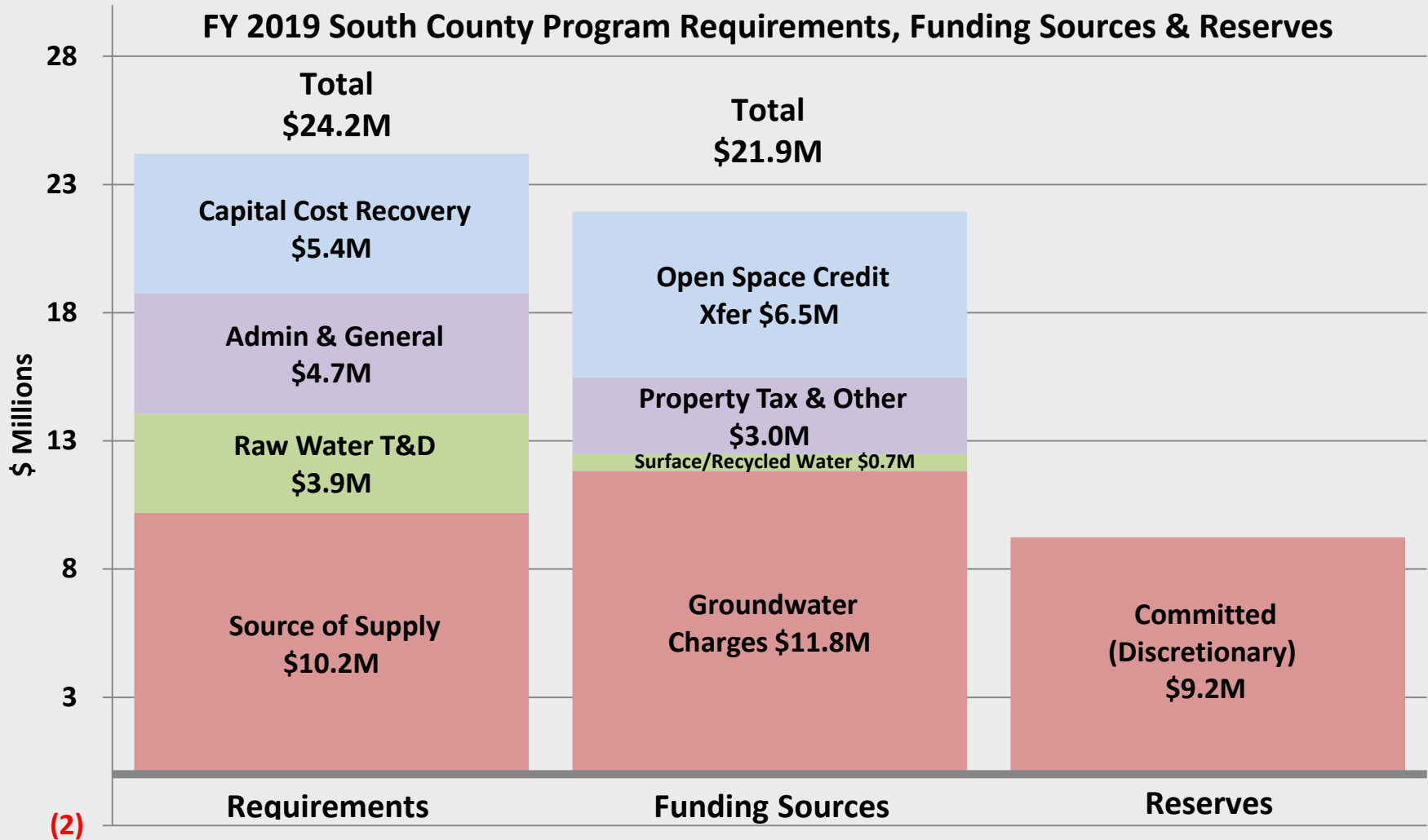
Financial Analysis: Preliminary Cost Projection



FY 2019: Requirements, Sources & Reserves



FY 2019: Requirements, Sources & Reserves - South County



Financial Analysis: FY 19 Analysis and Assumptions

	Adptd. Bdgt	Projected	
<u>Total Water Utility</u>	2017-18	2018-19	Difference
Operations FTE's	262.0	263.0	1.0
Operations + Oper Projects (\$K)	\$171,006	\$178,395	\$7,389
Year to year Growth %		4.3%	
Debt Service (\$K)	\$32,023	\$43,159	\$11,137
Capital (\$K)	\$141,111	\$141,814	\$703
<u>South County</u>			
Operations + Oper Projects (\$K)	\$17,587	\$18,747	\$1,160
Year to year Growth %		6.6%	
Capital Cost Recovery (\$K)	\$4,652	\$5,449	\$797

Cost Increase Drivers

1 FTE increase driven by:

- No additional positions. Hours shift from non-Water Utility projects for vegetation work at dams and SCADA infrastructure upgrade.

\$7.4M increase driven by:

- -\$6.8M SWP water purchase costs
- -\$3.8M CVP water purchase costs
- +\$9.5M Pacheco Reservoir Feasibility
- +\$2.6M water exchange purchases
- +\$1.0M "No Regrets" package
- +\$0.7M for WTP chemicals
- plus inflation impact

\$11.1M increase driven by:

Planned debt issuance

\$141.8M Capital Cost driven by:

\$47.1M Rinconada Reliability Improvement
 \$17.6M 10-Year Pipeline Rehabilitation
 \$14.2M Pacheco Reservoir Feasibility Study
 \$9.0M Anderson Dam Seismic Retrofit
 \$6.2M Small Capital Improvements, Water Treatment
 \$5.0M South County Recycled Water Pipeline

Key WUE Capital project funding FY 19 thru FY 28

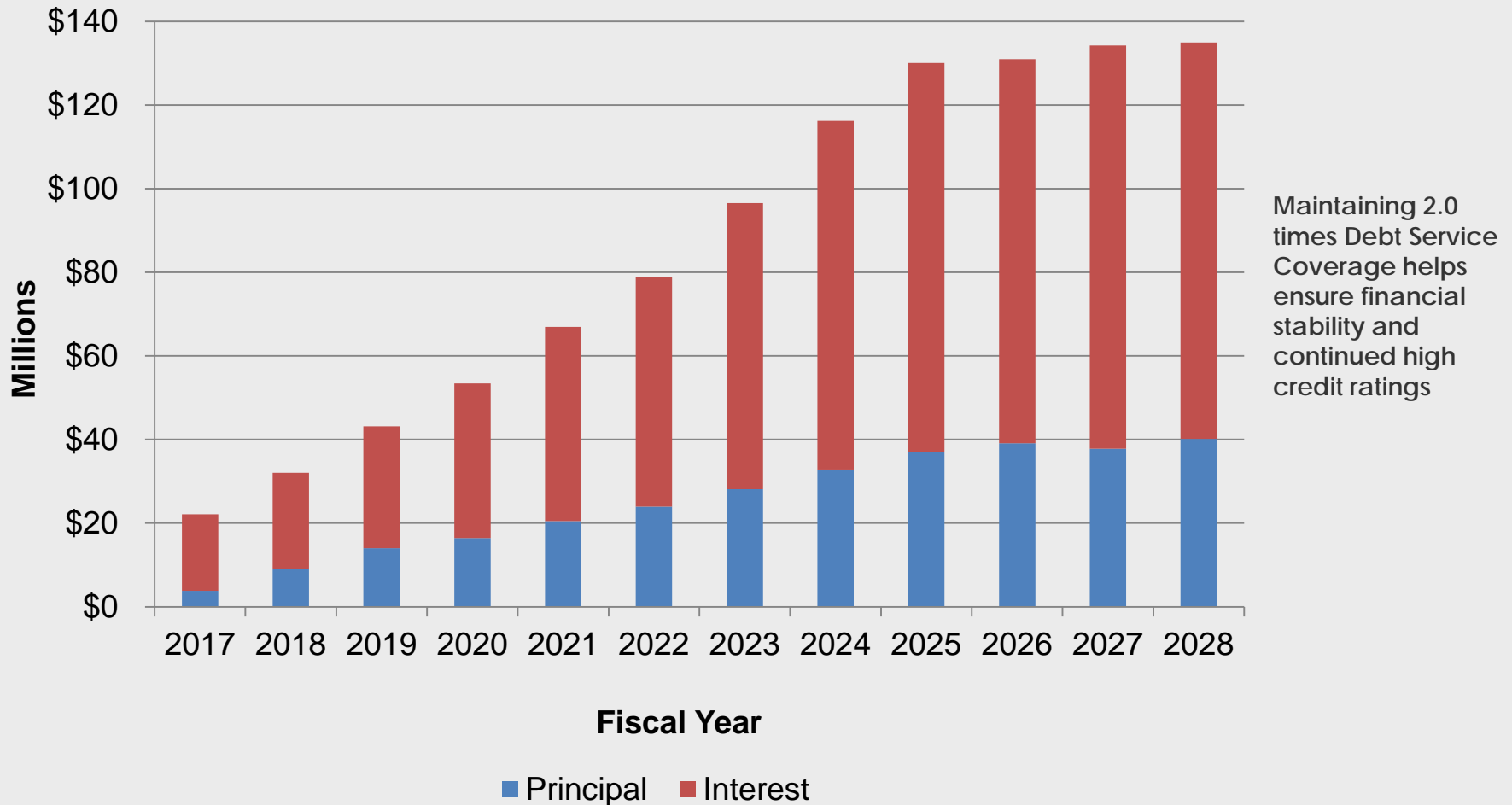
- Anderson Dam Seismic Retrofit (\$510M)
 - \$67M (12% of total \$549M project) to be reimbursed by Safe Clean Water Measure
- Long-Term Purified Water Program (\$368M)
- FAHCE Implementation (\$145M Placeholder)
- Rinconada Reliability Improvement (\$125M)
- 10 Year Pipeline Rehabilitation (\$98M)
- Calero Dam Seismic Retrofit (\$81M)
- Guadalupe Dam Seismic Retrofit (\$61M)
- Los Vaqueros – Bethany Pipeline (\$11.2M)

Financial Analysis: Unfunded WUE Capital

Project Name	Estimated Total Cost (\$M)
Pacheco Reservoir Expansion Project	1,179
Dam Seismic Retrofit at Chesbro and Uvas	90
SCADA Small Capital Improvements	20
Treated Water Isolation Valves	7
So. County Recycled Water Reservoir Expansion	7
Land Rights - South County Recycled Water PL	6
Alamitos Diversion Dam Improvements	3
Coyote Diversion Dam Improvements	2
Westside Retailer Interties	2
Total	1,316

Financial Analysis: Preliminary Debt Service Projection


Water Utility



Presentation Outline

1. Water Use

2. Financial Analysis

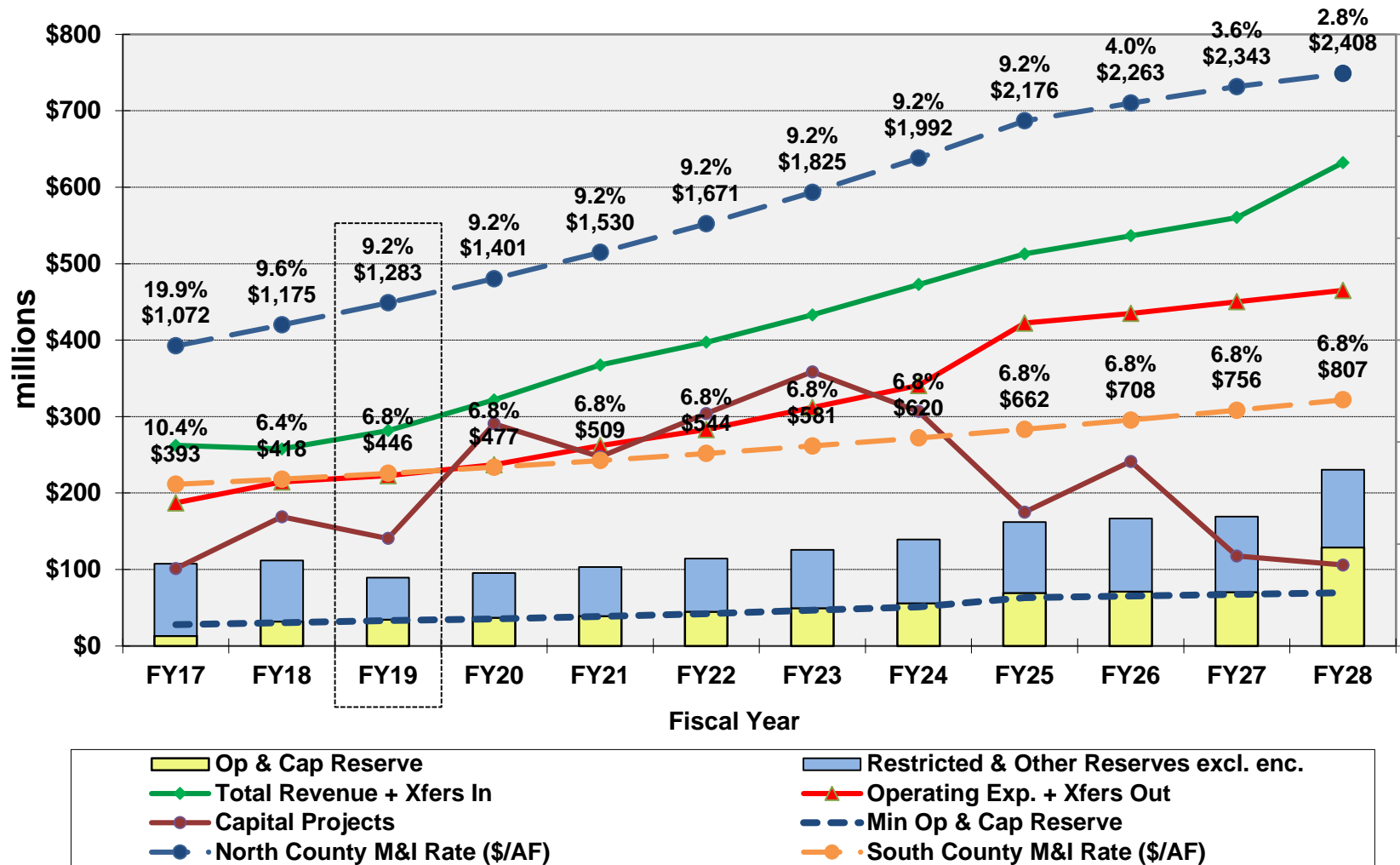
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3. Schedule

4. Discussion/Wrap up

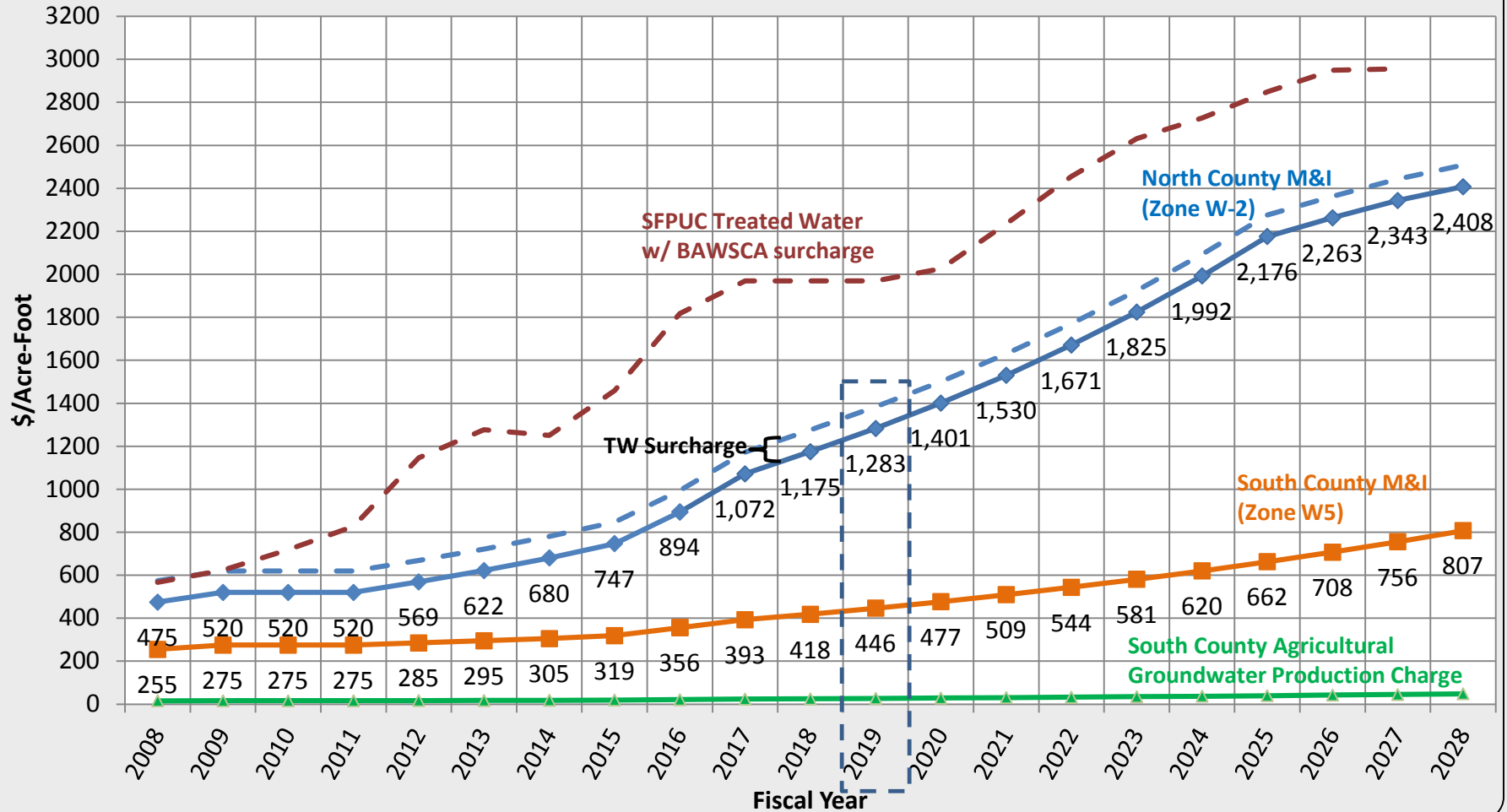
Financial Analysis: Preliminary Groundwater Production Charge Projection

Water Utility Enterprise Funds



Financial Analysis: Preliminary Groundwater Production Charge Projection

Groundwater Production Charges



Financial Analysis: Preliminary Groundwater Production Charge Projection

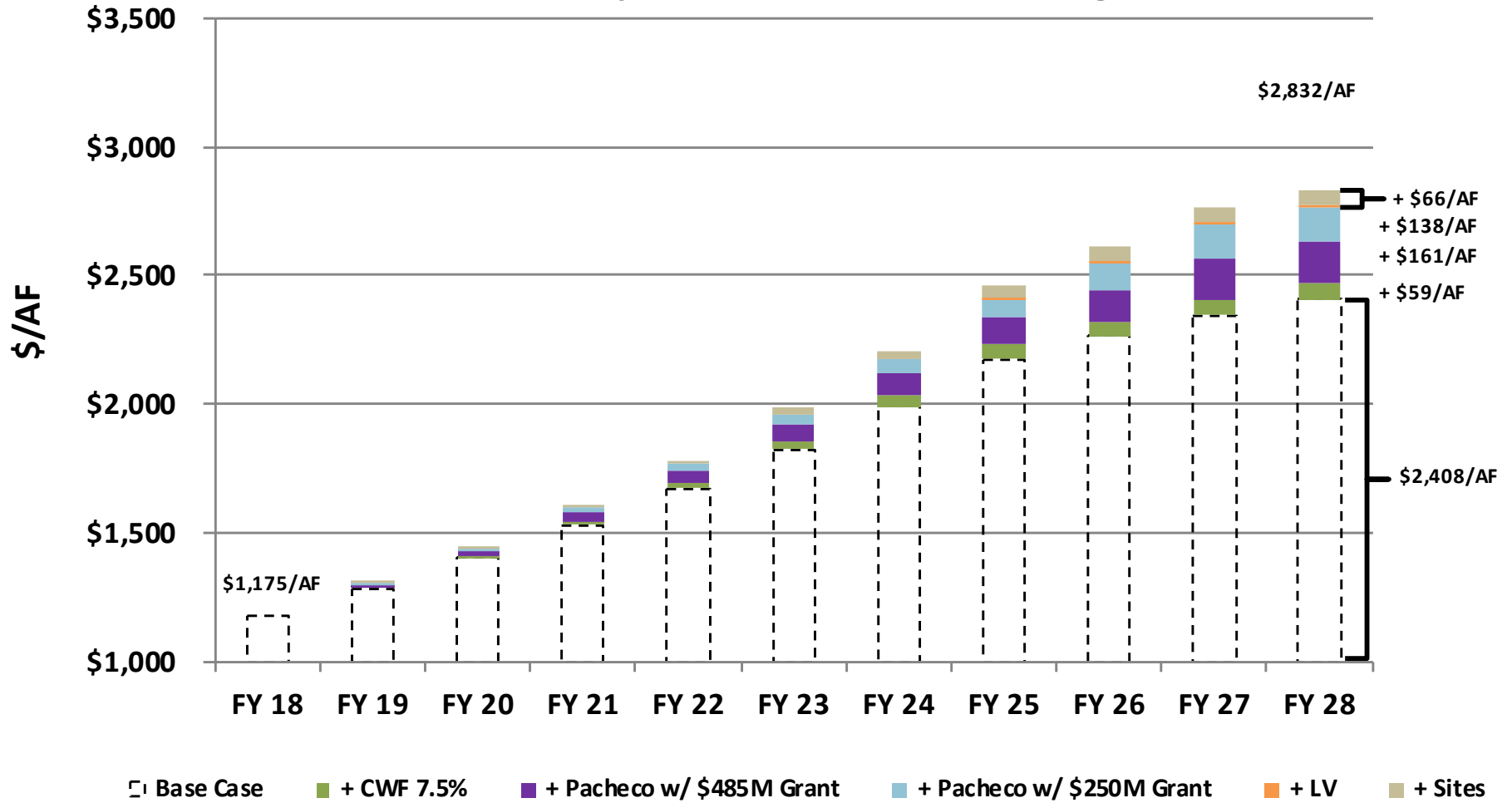
Base Case	Adjusted Budget							
	2017–18	2018–19	2019–20	2020–21	2021–22	2022–23	2023–24	2024–25
No. County (W-2) M&I GWP charge (\$/AF)	\$1,175	\$1,283	\$1,401	\$1,530	\$1,671	\$1,825	\$1,992	\$2,176
Y-Y Growth %	9.6%	9.2%	9.2%	9.2%	9.2%	9.2%	9.2%	9.2%
So. County (W-5) M&I GWP charge (\$/AF)	\$418	\$446	\$477	\$509	\$544	\$581	\$620	\$662
Y-Y Growth %	6.4%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%
Ag GWP charge (\$/AF)	\$25.09	\$26.79	\$28.61	\$30.56	\$32.64	\$34.86	\$37.23	\$39.76
Y-Y Growth %	6.4%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%
Operating & Capital Reserve	\$31,867	\$34,705	\$36,803	\$39,990	\$46,390	\$50,691	\$56,896	\$70,124
Supplemental Water Supply Reserve (\$K)	\$14,677	\$15,077	\$15,477	\$15,877	\$16,277	\$16,677	\$17,077	\$17,477
Sr. Lien Debt Svc Cov Ratio (1.25 min)	2.53	2.46	2.99	2.90	2.77	2.56	2.43	1.96
South County (Deficit)/Reserves (\$K)	\$11,487	\$9,233	\$12,356	\$13,598	\$15,551	\$18,362	\$13,951	\$11,477

Assumptions:

- ▶ Water Usage: FY 2018-19 at 226KAF, 4.1% increase vs FY 18 estimate & 21% reduction vs CY 2013
- ▶ Operations Costs: Consistent with Adopted FY 2017-18 budget
- ▶ CIP: Proposed FY 19-23 CIP is funded

Financial Analysis: Preliminary Water Supply Investment Scenarios

North County M&I Groundwater Charge



Notes:

- Stacked bar reflects incremental rate impact associated with adding each alternative
- "+ CWF 7.5%" scenario reflects impact of incremental 2.5% participation relative to 5% included in Base Case

Financial Analysis: Preliminary Water Supply Investment Scenarios

Base Case	2018–19	2019–20	2020–21	2021–22	2022–23
No. County M&I GWP Y-Y Growth %	9.2%	9.2%	9.2%	9.2%	9.2%
So. County M&I GWP Y-Y Growth %	6.8%	6.8%	6.8%	6.8%	6.8%
Case #2 (Base Case + CWF 7.5%)					
No. County M&I GWP Y-Y Growth %	9.6%	9.6%	9.6%	9.6%	9.6%
So. County M&I GWP Y-Y Growth %	7.3%	7.3%	7.3%	7.3%	7.3%
Case #3 (Case 2 + Pacheco w/ \$485M Grant)					
No. County M&I GWP Y-Y Growth %	10.3%	10.3%	10.3%	10.3%	10.3%
So. County M&I GWP Y-Y Growth %	7.3%	7.3%	7.3%	7.3%	7.3%
Case #4 (Case 3 + Pacheco w/ \$250M Grant)					
No. County M&I GWP Y-Y Growth %	10.8%	10.8%	10.8%	10.8%	10.8%
So. County M&I GWP Y-Y Growth %	7.3%	7.3%	7.3%	7.3%	7.3%
Case #5 (Case 4 + Sites/LV)					
No. County M&I GWP Y-Y Growth %	10.9%	10.9%	10.8%	11.3%	11.3%
So. County M&I GWP Y-Y Growth %	7.5%	7.3%	7.5%	8.2%	8.1%

Financial Analysis: Other Information

	FY 2018	FY 2019
<u>Other Charges</u>	<u>Budget</u>	<u>Projection</u>
Contract TW Surcharge (\$/AF)	\$100.00	\$100.00
Non-contract TW Surcharge (\$/AF)	\$100.00	\$100.00
Surface Water Master Charge (\$/AF)	\$33.36	\$34.83
 <u>SWP Tax</u>		
Revenue	\$26M	\$18M
Cost per average household	\$39/Yr	\$27/Yr
 <u>1% Ad Valorem Taxes</u>		
Revenue	\$6.51M	\$7.16M

- Preliminary Analysis assumes continuation of Ag groundwater charge at 6% of M&I
- Board direction on 11/28/17:
 - Staff to research grant or discount program that could be bundled with Ag groundwater charge at 25% of M&I

Updated: Alternatives to minimize Open Space Credit

1. M&I users pay for open space credit – Not feasible now, but could be in future depending on outcome of City of San Buenaventura v. United Water Conservation District **(Update: still not feasible based on 12/4 Supreme Court decision)**
2. Increase agricultural charge to 10% of M&I over 10-year time frame
 - \$5.5M savings by FY 30 (\$3.9M to flood protection)
 - Ag GW charge in FY 30 would be \$79.10/AF vs \$47.50/AF
3. Increase agricultural charge to 10% of M&I over 5-year time frame
 - \$7.1M savings by FY 30 (\$5.0M to flood protection)
 - Ag GW charge in FY 30 would be \$79.10/AF vs \$47.50/AF
4. Increase agricultural charge to 25% of M&I over 10-year timeframe
 - \$26.2M savings by FY 30 (\$18.4M to flood protection)
 - Ag GW charge in FY 30 would be \$197.80/AF vs \$47.50/AF
5. **Increase agricultural charge to 25% of M&I and implement grant or discount program**
 - **Work in Process, Savings TBD**

Presentation Outline

1. Water Use

2. Financial Analysis

- ▶ FY 18 Analysis Key Assumptions
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- ▶ Scenarios
- ▶ Other Information



3. Schedule

4. Discussion/Wrap up

FY 2018-2019 Schedule

- Jan 9 Board Meeting: Preliminary Groundwater Charge Analysis
- Jan 17 Water Retailers Meeting: Preliminary Groundwater Charge Analysis
- Jan 24 Water Commission Meeting: Prelim Groundwater Charge Analysis

- Feb 13 Board Meeting: Review draft CIP & Budget development update
- Feb 23 Mail notice of public hearing and file PAWS report

- Mar 21 Water Retailers Meeting: FY 19 Groundwater Charge Recommendation
- Mar 27 Board Meeting: Budget development update

- Apr 2 Ag Water Advisory Committee
- Apr 3 Landscape Committee Meeting
- Apr 10 Open Public Hearing
- Apr 11 Water Commission Meeting
- Apr TBD Continue Public Hearing in South County
- Apr 24 Conclude Public Hearing
- Apr 25-27 Board Meeting: Budget work study session

- May 8 Adopt budget & groundwater production and other water charges

Summary

- Base case equates to an increase of \$3.72 per month in North County and \$0.96 per month in South County
- Analysis assumes water usage of 226,000 AF for FY19, a 4.1% increase Vs FY 18, & 21% reduction Vs calendar year 2013
- Base case assumes \$8M decrease in State Water Project Tax for FY19
- Board direction to be incorporated into Report on Protection and Augmentation of Water Supplies (PAWS) scheduled for release on February 23, 2018

RESOLUTION NO. 99- 21

ADOPTING "WATER UTILITY TAXING AND PRICING POLICY" AND
RESCINDING RESOLUTION NO. 96-82

WHEREAS, the Santa Clara Valley Water District (District) adopted a District mission, goals and objectives on February 19, 1985, in order to conduct a sound water management program that serves the community; and

WHEREAS, the District Act authorizes the District to enter into water sales contracts and to levy and collect taxes and assessments on property within the District and in the respective zones of the District and sets forth requirements for groundwater charges and rates between agricultural and nonagricultural water; and

WHEREAS, several Board resolutions, as identified in Exhibit "A," are related to the management of water resources and the implementation of this water taxing and pricing policy; and

WHEREAS, several changes which affect revenue sources and benefit distribution have occurred since adoption of Resolution No. 96-82. These changes include: (1) passage of Resolution Nos. 98-44 and 98-45 setting agricultural charges for groundwater and surface water at 10 percent of the nonagricultural charges; (2) revisions to the policy governing sale of noncontract water in 1998; (3) pending completion of an agreement to act as the wholesaler to deliver recycled water in South County.

BE IT RESOLVED, by the Board of Directors of the District as follows:

1. **The policy of the District in the areas of taxation and water pricing for water utility revenues shall be and is hereby adopted:**

Policy Statement

The intent of this water utility taxing and pricing policy is to provide revenue for the management of water resources and operation of the water utility enterprise. This policy establishes a framework for establishing a system of water charges as permitted by the District Act to meet revenue requirements and to allocate costs amongst the beneficiaries. The general approach is to charge the recipients of the various benefits for the benefits received from the District's comprehensive water utility program.

The consumptive and nonconsumptive benefits provided by District water supply facilities and operations are listed and described below:

- Provision of a water supply and effective management of water resources available to the community from a variety of sources of supply, transmission, and water treatment facilities operated by the District.
- Protection of water quality through the purification and treatment of water and the protection of water supplies.
- Stewardship of watersheds and riparian corridor.
- Administration of related programs and projects such as recycled water and water conservation administered solely by the District or in partnership with another organization.

Resolution Adopting "Water Utility Taxing and Pricing Policy" and Rescinding Resolution No. 96-82

- Ancillary flood protection.
- Recreation, such as fishing, boating, picnicking, hiking, and other related recreation activities.
- Support for the economic well being of the community.
- Protection of the community infrastructure from subsidence.

2. Policy Implementation

The following water taxing and pricing concepts and framework shall be implemented in order to provide for revenue in order to continue providing direct and ancillary benefits to the customers of the District and the community of Santa Clara County.

Water Taxing and Pricing Concepts

- **Water Pooling:** Water is considered to be a single commodity irrespective of the water's source or cost. It is a single commodity whether it is from water provided locally, imported, or recycled, and all users benefit from the availability of multiple sources of water.
- **Water Facilities Cost Pooling:** All water supply facilities contribute to the common benefit of effective water resources management. In general, the water charges and property taxes are based on the common benefits of the capital and operations outlays, rather than reference to named facilities, with the exception of the liability for bonded indebtedness which is applied to each zone of benefit.
- **Water Resources Management:** Water supplies are managed, through taxing and pricing, to obtain the effective utilization of the water resources of the District to the advantage of the present and future populations of the County. This concept provides for development of taxing and pricing structures that will achieve the effective use of available resources and conserve supplies for potential drought conditions.
- **Revenue Pooling:** For the most part, water utility revenues are collected in a common fund and not designated for a specific cost. Such revenues are available for the general capital and operating outlays of the water utility enterprise. Some revenues such as certain property taxes are specifically designated for debt service and the fixed costs of the State Water Project, and are not available to the common fund. Water charges are established to provide the revenues that are required in the common fund for general capital and operating outlays and that are over and above revenues from ad valorem taxes, interest, and miscellaneous sources. This provides flexibility in managing continuing operations and funding capital outlays.

Water Taxing and Pricing Framework

The following procedures are intended as a general framework to guide staff in the development of a water rate structure implementing this policy:

- **Zones of Benefit:** Zones of benefit are to be identified and established in accordance with the District Act. Groundwater charges and property taxes are levied for the benefits received by the water users and property owners benefitting from that zone. For each zone, a basic

Resolution Adopting "Water Utility Taxing and Pricing Policy" and Rescinding Resolution No. 96-82

water user charge is determined for current groundwater and raw surface water users to be applied to the quantities of water used or consumed.

- **Basic Water Charge Zones:** The objective of establishing various water charge zones is to recover costs for the benefits resulting from conservation, import, and recharge of water which occur only within that zone. Water charges are levied for water producing operations, such as groundwater pumping and raw surface water diversion. In addition, users may be subject to specific charges that meet special needs of a group of users, such as water master charges for surface water deliveries, a capital charge for equipment or facilities, and power costs for pumping.
- **Treated Water Surcharge:** A treated water surcharge shall be added to the basic water charge for the price of treated surface water delivered by the District. The charge is to be established at an amount that would promote the effective use of available water resources. The charge may differ between treatment plants to better manage regional variations in groundwater conditions.
- **Costs for Specific Benefits:** Whenever costs associated with specific benefits are clearly and easily measurable, those costs shall be charged to the beneficiaries, in accordance with their specific zones of benefit. Where there is a question as to the identity of the beneficiary or the method of measuring the benefit, the allocation of costs should remain flexible and be determined in accordance with accepted practices and sound judgements based on the four water pricing concepts. The District recognizes and supports the State Legislature's limitation imposed on the District that rates for agricultural water shall not exceed one-fourth of the rate for all water other than agricultural water. In order to encourage the continuance of agricultural use of land in the County, to encourage the preservation of open space, to defer intensification of users and to further support the limitation imposed by the State Legislature, it is the District's policy that rates for agricultural water shall not exceed one-tenth the rate for all water other than agricultural water.

Both water charges and property taxes are used to recover costs incurred for the benefit of current water users. The costs for future supply sources can be recovered using current revenues or through project specific long-term financing.

- **Balancing Costs:** The District recognizes that there may be imbalances between revenues and costs within a zone of benefit from year to year. The District will strive to achieve balance over the long-term in accordance with the District Act and to properly charge recipients for the benefits received.
- **Incentives:** Incentives in the form of subsidies may be provided in order to reduce the price of specific sources of water in order to optimize use of available or future water resources.
- **Recycled Water:** From time to time, the District may enter into agreements to provide wholesale delivery or other services related to recycled water. The District will strive to recover the costs of these facilities consistent with the pooling concepts outlined above, while adhering to the specifics of any agreement.

Resolution Adopting "Water Utility Taxing and Pricing Policy" and Rescinding Resolution No. 96-82

3. Executive and Staff Limitations

District staff are authorized to develop a water rate structure which meets the objectives set forth herein, in accordance with the District Act, and using the concepts set forth above. The District's rate structure is implemented only by resolutions approved by the Board of Directors.

Staff is authorized to recommend water charges for consideration by the Board in accordance with the District Act. Water charges, if any, shall be recommended by staff each year be at fixed and uniform rates for agricultural water and for all water other than agricultural water, respectively, except that each such rate for agricultural water shall be one-tenth of the rate for all water other than agricultural water. The Board has determined that agricultural use of lands is of value to the County and the state, and that agricultural lands provide an open space benefit. The Board's limiting staff to a recommendation of agricultural water rates below the maximum allowed by the District Act will benefit water users Countywide, and is necessary to carry out the policies of the State Legislature and the District Board of Directors.

Staff is authorized to prepare, for the Board's consideration, resolutions for the collection of property taxes as needed and authorized under applicable laws.

4. Previous Policy Rescinded

The "Water Taxing and Pricing Policy," adopted by Resolution No. 96-82, is hereby rescinded.

PASSED AND ADOPTED by the Board of Directors of Santa Clara Valley Water District on
March 16, 1999 by the following vote:

AYES: Directors Gross, Zlotnick, Judge, Kamei, Sanchez, Estremera, Wilson

NOES: Directors None

ABSENT: Directors None

SANTA CLARA VALLEY WATER DISTRICT

By: 
Chair/Board of Directors

ATTEST: LAUREN L. KELLER


Clerk/Board of Directors

RESOLUTION NO. 12- 10

A RESOLUTION OF THE BOARD OF DIRECTORS OF
THE SANTA CLARA VALLEY WATER DISTRICT ADOPTING PROCEDURES
FOR THE IMPOSITION OF SURFACE WATER CHARGES

WHEREAS, pursuant to Section 4 of the District Act, the purposes of the District Act are to authorize the District to provide comprehensive water management for all beneficial uses within Santa Clara County; and

WHEREAS, Section 5(5) of the District Act authorizes District to do any and every lawful act necessary to be done that sufficient water may be available for beneficial uses within Santa Clara County; and

WHEREAS, Section 5(12) authorizes the District to make contracts and do all acts necessary for the full exercise of all powers vested in the District; and

WHEREAS, Proposition 218, adopted on November 6, 1996, added Articles XIII C and XIII D to the California Constitution which impose certain procedural and substantive requirements with respect to the imposition of certain new or increased fees and charges; and

WHEREAS, whether legally required or not, the District Board believes it to be in the best interest of the community to align its practices with respect to the imposition of surface water charges to mirror the majority protest requirements of Article XIII D, section 6 applicable to charges for water services to the extent possible; and

WHEREAS, the District Board believes it to be in the best interest of the community to record its decisions regarding implementation of the provisions relating to imposition of surface water charges and to provide the community with a guide to those decisions and how they have been made; and

NOW, THEREFORE, the Board of Directors of Santa Clara Valley Water District does hereby resolve as follows:

SECTION 1. Statement of Legislative Intent. It is the Board of Directors' intent in adopting this resolution, to adopt the notice, hearing, and majority protest procedure proceedings that are consistent, and in conformance with, Articles XIII C and XIII D of the California Constitution and with the Proposition 218 Omnibus Implementation Act and the provisions of other statutes authorizing imposition of surface water charges. To the extent that these requirements are legally required to supercede the requirements set forth in the District Act, these provisions are intended to prevail.

SECTION 2. Definitions.

- A. Record Owner.** The District will provide the required notice to the Record Owner. "Record Owner" means the record owner of the property on which the surface water use-facility is present, and the tenant(s) who are District surface water permittees liable for the payment of the surface water charge.

A Resolution of the Board of Directors of the Santa Clara Valley Water District Adopting
Procedures for the Imposition of Surface Water Charges

- B. Charge Zone.** "Charge Zone" means the District zone (i.e. Zone W-2 or Zone W-5) that a surface water user's turnout is located, which is applicable in identifying the proposed surface water charge. Surface water users that receive surface water outside of either Zone W-2 or Zone W-5 are deemed to be located in the zone to which the surface water user's turnout is most nearly located.

SECTION 3. Surface Water Charge Proceeding. The following procedures will be used:

- A. Those Subject to the charge.** The Record Owners of the existing surface use-facilities.
- B. Amount of Charge.** A formula or schedule of charges by which the customer can easily calculate the potential surface water charge will be included in the notice. The surface water charge is comprised of a basic user charge and a surface water master charge. The surface water charge must comply with the following substantive requirements:
1. Revenues derived from the surface water charge will not be used for any purpose other than that for which the charge is imposed.
 2. Revenues derived from the surface water charge will not exceed the direct and indirect costs required to provide the service.
 3. The amount of the surface water charge must not exceed the proportional cost of the service attributable to the property.
 4. No charge may be imposed for a service unless the service is actually used by, or immediately available to the property owner (or, if applicable, the tenant).
 5. No charge can be imposed for general governmental services where the service is available to the public at large in substantially the same manner as it is to property owners.
- C. Notice.** The following guidelines apply to giving notice of the surface water charge.
1. Record Owner(s) of each parcel subject to the surface water charge, meaning any parcel with a surface water use-facility, will be determined from the last equalized property tax roll. If the property tax roll indicates more than one owner, each owner will be sent the notice. District surface water permittees liable for the payment of the surface water charge will also be provided with the notice.
 2. The notice must be sent at least forty-five (45) days prior to the date set for the public hearing on the surface water charge.
 3. Failure of any person to receive the notice will not invalidate the proceedings.

A Resolution of the Board of Directors of the Santa Clara Valley Water District Adopting
Procedures for the Imposition of Surface Water Charges

D. Surface Water Charge Protest. The following guidelines apply to the surface water charge protest procedure:

1. The notice will be mailed to all affected Record Owners at least forty-five (45) days prior to the date of the public hearing on the proposed surface water charge.
2. Written protests must be forwarded to the Clerk of the Board by mail or in person, sealed in an envelope which conceals the contents, with the property address or APN written on the outside of the envelope. To be counted, protests must be received no later than the date for return of protests stated on the notice, or the close of the public hearing, whichever is later.
3. A protest must be signed under penalty of perjury. For properties with more than one Record Owner, a protest from any one surface water user-facility will count as a protest for the property. No more than one protest will be counted for any given property.
4. Only protests with original signatures will be accepted. Photocopied signatures will not be accepted. Protests will not be accepted via e-mail. Protests must be submitted in sealed envelopes identifying the property on which the surface water user-facility is located, and include the legibly printed name of the signator. Protests not submitted as required by this Resolution will not be counted.
5. This proceeding is not an election.
6. Written Protests must remain sealed until the tabulation of protests commences at the conclusion of the public hearing. A written protest may be submitted or changed by the person who submitted the protest prior to the conclusion of the public testimony on the proposed charge at the public hearing.
7. Prior to the public hearing, neither the protest nor the envelope in which it is submitted will be treated as a public record, pursuant to the Government Code section 6254(c) and any other applicable law, in order to prevent potential unwarranted invasions of the submitter's privacy and to protect the integrity of the protest process.

E. Tabulating Protests. The following guidelines apply to tabulating protests:

1. It will be the responsibility of the Clerk of the Board to determine the validity of all protests. The Clerk will accept as valid all protests except those in the following categories:
 - a. A photocopy which does not contain an original signature;
 - b. An unsigned protest;
 - c. A protest without a legible printed name;
 - d. A protest which appears to be tampered with or otherwise invalid based upon its appearance or method of delivery or other circumstances;

A Resolution of the Board of Directors of the Santa Clara Valley Water District Adopting
Procedures for the Imposition of Surface Water Charges

- e. A protest submitted to the District via e-mail;
- f. A protest submitted in an envelope that does not have the address or APN written on the outside of the envelope;
- g. A protest signed by someone other than the Record Owner for the APN.

The Clerk's decision, after consultation with the District Counsel, that a protest is invalid is final.

- 2. An impartial person, designated by the governing board, who does not have a vested interest in the outcome of the proposed charge will tabulate the written protests submitted, and not withdrawn. The impartial person may be a member of the Clerk of the Board Office.
- 3. A Record Owner who has submitted a protest may withdraw that protest at any time up until the conclusion of the final public hearing on the surface water charge.
- 4. A property owner's failure to receive notice of the surface water charge will not invalidate the proceedings conducted under this procedure.

F. Public Hearing.

- 1. At the public hearing, the District Board will hear and consider all public testimony regarding the proposed surface water charge and accept written protests until the close of the public hearing, which hearing may be continued from time to time.
- 2. The District Board may impose reasonable time limits on both the length of the entire hearing and the length of each speaker's testimony.
- 3. At the conclusion of the hearing, the Clerk of the Board, or other neutral person designated to do the tabulation will complete tabulation of the protests from Record Owners, including those received during public hearing.
- 4. If it is not possible to tabulate the protests on the same day as the public hearing, or if additional time is necessary for public testimony, the District Board may continue the public hearing to a later date to receive additional testimony, information or to finish tabulating the protests; or may close the public hearing and continue the item to a future meeting to finish tabulating the protests.
- 5. If according to the final tabulation of the protests from Record Owners, the number of protests submitted against the proposed surface water charge (or increase of the surface water charge) within a Charge Zone exceeds 50% plus one of either: (i) the identified number of parcels within that Charge Zone, or (ii) the identified number of owners and tenants who are subject to the surface water charge within that Charge Zone, then a "majority protest" exists and the District Board of Directors will not impose the surface water charge within that Charge Zone.

A Resolution of the Board of Directors of the Santa Clara Valley Water District Adopting
Procedures for the Imposition of Surface Water Charges

PASSED AND ADOPTED by the Board of Directors of Santa Clara Valley Water District by the following vote on February 14, 2012.

AYES: Directors T. Estremera, D. Gage, J. Judge, P. Kwok, R. Santos, B. Schmidt,
L. LeZotte

NOES: Directors None

ABSENT: Directors None

ABSTAIN: Directors None

SANTA CLARA VALLEY WATER DISTRICT

By: 
LINDA J. LEZOTTE
Chair/Board of Directors

ATTEST: MICHELE L. KING, CMC


Clerk/Board of Directors

RESOLUTION NO.12- 11

AN AMENDED AND RESTATED RESOLUTION OF THE BOARD OF DIRECTORS OF
THE SANTA CLARA VALLEY WATER DISTRICT ADOPTING PROCEDURES
FOR THE IMPOSITION OF GROUNDWATER PRODUCTION CHARGES

WHEREAS, Section 26 of the District Act includes provisions relating to imposition and notice and opportunity to be heard on the imposition of groundwater production charges, including the opportunity to contest the imposition; and

WHEREAS, Section 26 of the District Act provides the purposes for which groundwater production charges can be collected as follows:

1. To pay for construction, operation and maintenance of imported water facilities;
2. To pay for imported water purchases;
3. To pay for construction, operation and maintenance of facilities to conserve or distribute water including facilities for groundwater recharge, surface distribution, and purification and treatment of water;
4. To pay for debt incurred for the above purposes.

WHEREAS, Proposition 218, adopted on November 6, 1996, added Articles XIIC and XIID to the California Constitution which impose certain procedural and substantive requirements with respect to the imposition of certain new or increased fees and charges; and

WHEREAS, whether the District's groundwater production charge is assessed upon a parcel of property or upon a person as an incident of property ownership such that it is subject to proposition 218 is a subject currently before the courts and has not yet been finally decided; and

WHEREAS, regardless of whether the District is legally required to or not, the District Board believes it to be in the best interest of the community to align its practices with respect to the imposition of groundwater production charges to mirror the majority protest requirements of Article XIII D section 6 applicable to charges for water to the extent possible; and

WHEREAS, some of the requirements of the majority protest procedure are unclear and require further judicial interpretation or legislative implementation; and WHEREAS, the District Board believes it to be in the best interest of the community to record its decisions regarding implementation of the provisions relating to imposition of groundwater production charges and to provide the community with a guide to those decisions and how they have been made;

NOW, THEREFORE, the Board of Directors of Santa Clara Valley Water District does hereby resolve as follows:

SECTION 1. Statement of Legislative Intent. It is the Board of Director's intent in adopting this amended and restated resolution, to adopt the notice, hearing, and majority protest procedure proceedings that are consistent, and in conformance with, Articles XIIC and XIID of the California Constitution and with the Proposition 218 Omnibus Implementation Act and the provisions of other statutes authorizing imposition of water charges. To the extent that these requirements are legally required to supercede the requirements set forth in the District Act, these provisions are intended to prevail.

An Amended and Restated Resolution of the Board of Directors of the Santa Clara Valley Water District Adopting Procedures for the Imposition of Groundwater Production Charges

SECTION 2. Definition of Record Owner. The District Act authorizes the groundwater production charge to be noticed and imposed on “owners or operators of water-producing facilities” which is not based on property ownership, while Article XIII D requires that notice be provided to the owner of a parcel whose name and address appears on the last equalized secured property tax assessment roll. In order to resolve the differences between these two approaches, the District will provide the required notice to the record owner of the property on which the water-producing facility is present, as well as to the owners or operators of water producing facilities (who are tenants of that real property directly liable to pay the groundwater production charge to the District).

SECTION 3. Groundwater Production Charge Proceeding. The following procedures will be used:

- A. Those Subject to the charge.** The Record Owners of existing water producing wells including water supply and extraction/environmental wells, whether currently active or not.
- B. Amount of Charge.** A formula or schedule of charges by which the customer can easily calculate the potential charge will be included in the notice. The charge must comply with the following substantive requirements:
 - 1. Revenues derived from the charge will not be used for any purpose other than that for which the charge is imposed.
 - 2. Revenues derived from the charge will not exceed the direct and indirect costs required to provide the service.
 - 3. The amount of the charge must not exceed the proportional cost of the service attributable to the property.
 - 4. No charge may be imposed for a service unless the service is actually used by, or immediately available to the owner.
 - 5. No charge can be imposed for general governmental services where the service is available to the public at large in substantially the same manner as it is to property owners.
- C. Notice.** The following guidelines apply to giving notice of the groundwater production charge.
 - 1. The record owner(s) of each parcel subject to the charge, meaning any parcel with a water-producing facility, will be determined from the last equalized property tax roll. If the property tax roll indicates more than one owner, each owner will be sent the notice. Where tenants are directly liable to pay the groundwater production charge to the District, they will also be provided with the notice.

An Amended and Restated Resolution of the Board of Directors of the Santa Clara Valley Water District Adopting Procedures for the Imposition of Groundwater Production Charges

2. The notice must be sent at least forty-five (45) days prior to the date set for the public hearing on the charge.
3. Failure of any person to receive notice will not invalidate the proceedings.

D. Groundwater Production Charge Protest. The following guidelines apply to the protest procedure:

1. The notice will be mailed to all affected Record Owners at least forty-five (45) days prior to the date of the public hearing on the proposed charge.
2. Written protests must be forwarded to the Clerk of the Board by mail or in person, sealed in an envelope which conceals the contents, with the property address or APN written on the outside of the envelope. To be counted, protests must be received no later than the date for return of protests stated on the notice, or the close of the public hearing, whichever is later.
3. A protest must be signed under penalty of perjury. For properties with more than one Record Owner, a protest from any one will count as a protest for the property. No more than one protest will be counted for any given property.
4. Only protests with original signatures will be accepted. Photocopied signatures will not be accepted. Protests will not be accepted via e-mail. Protests must be submitted in sealed envelopes identifying the property on which the well is located, and include the legibly printed name of the signator. Protests not submitted as required by this amended and restated resolution will not be counted.
5. This proceeding is not an election.
6. Written Protests must remain sealed until the tabulation of protests commences at the conclusion of the public hearing. A written protest may be submitted, or changed, or withdrawn by the person who submitted the protest prior to the conclusion of the public testimony on the proposed charge at the public hearing.
7. Prior to the public hearing, neither the protest nor the envelope in which it is submitted will be treated as a public record, pursuant to the Government Code section 6254(c) and any other applicable law, in order to prevent potential unwarranted invasions of the submitter's privacy and to protect the integrity of the protest process.

E. Tabulating Protests. The following guidelines apply to tabulating protests:

1. It will be the responsibility of the Clerk of the Board to determine the validity of all protests. The Clerk will accept as valid all protests except those in the following categories:
 - a. A photocopy which does not contain an original signature;
 - b. An unsigned protest;

An Amended and Restated Resolution of the Board of Directors of the Santa Clara Valley Water District Adopting Procedures for the Imposition of Groundwater Production Charges

- c. A protest without a legible printed name;
- d. A protest which appears to be tampered with or otherwise invalid based upon its appearance or method of delivery or other circumstances;
- e. A protest submitted to the District via e-mail;
- f. A protest submitted in an envelope that does not have the address or APN written on the outside of the envelope;
- g. A protest signed by someone other than the Record Owner for the APN.

The Clerk's decision, after consultation with the District Counsel, that a protest is invalid is final.

2. An impartial person, designated by the governing board, who does not have a vested interest in the outcome of the proposed charge will tabulate the written protests submitted, and not withdrawn. The impartial person may be a member of the Clerk of the Board Office.
3. A Record Owner who has submitted a protest may withdraw the protest at any time up until the conclusion of the final public hearing on the charge.
4. A property owner's failure to receive notice of the charge will not invalidate the proceedings conducted under this procedure.

F. Public Hearing

1. At the public hearing, the District Board will hear and consider all public testimony regarding the proposed charge and accept written protests until the close of the public hearing, which hearing may be continued from time to time.
2. The District Board may impose reasonable time limits on both the length of the entire hearing and the length of each speaker's testimony.
3. At the conclusion of the hearing, the Clerk of the Board, or other neutral person designated to do the tabulation will complete tabulation of the protests from Record Owners, including those received during public hearing.
4. If it is not possible to tabulate the protests on the same day as the public hearing, or if additional time is necessary for public testimony, the District Board may continue the public hearing to a later date to receive additional testimony, information or to finish tabulating the protests; or may close the public hearing and continue the item to a future meeting to finish tabulating the protests.
5. If according to the final tabulation of the protests from Record Owners, the number of protests submitted against the proposed increase of the groundwater production charge within a groundwater production charge zone exceeds 50% plus one of either: (a) the identified number of parcels within that groundwater production charge zone, or (b) the identified number of owners and operators within that groundwater production charge zone who are subject to the increased groundwater production charge, then a "majority protest" exists and the District

An Amended and Restated Resolution of the Board of Directors of the Santa Clara Valley Water District Adopting Procedures for the Imposition of Groundwater Production Charges

Board of Directors will not impose any increase to the groundwater production charge within that groundwater production charge zone.

SECTION 4

Resolution No.11-03 adopted by the District on January 25, 2011 and Resolution No. 10-06 adopted by the District on January 26, 2010 are both hereby amended and restated in their entirety as set forth in this amended and restated resolution. This amended and restated resolution shall take effect immediately upon its adoption.

PASSED AND ADOPTED by the Board of Directors of Santa Clara Valley Water District by the following vote on February 14, 2012.

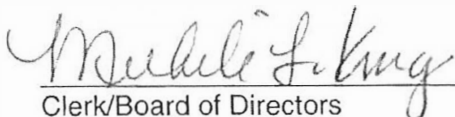
- AYES: Directors T. Estremera, D. Gage, J. Judge, P. Kwok, R. Santos, B. Schmidt,
L. LeZotte
NOES: Directors None
ABSENT: Directors None
ABSTAIN: Directors None

SANTA CLARA VALLEY WATER DISTRICT

By: 

LINDA J. LEZOTTE
Chair/Board of Directors

ATTEST: MICHELE L. KING, CMC


Clerk/Board of Directors

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THE STATE OF TEXAS
COUNTY OF [illegible]
I, [illegible]
do hereby certify that [illegible]

[illegible]
[illegible]
[illegible]



Committee:	Water Commission
Meeting Date:	01/24/18
Agenda Item No.:	5.4
Unclassified Manager:	Michele King
Email:	mking@valleywater.org
Est. Staff Time:	5 minutes

COMMITTEE AGENDA MEMO

SUBJECT: Review Santa Clara Valley Water Commission Work Plan, the Outcomes of Board Action of Commission Requests; and the Commission's Next Meeting Agenda.

RECOMMENDED ACTION:

Review the Board-approved Commission work plan to guide the Commission'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.

ATTACHMENT(S):

Attachment 1: Santa Clara Valley Water Commission 2018 Work Plan
Attachment 2: Santa Clara Valley Water Commission April 12, 2018 Draft Agenda

GP8. 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.

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	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
1	Annual Accomplishments Report	January 24	<ul style="list-style-type: none"> Review and approve 2017 Accomplishments Report for presentation to the Board. (Action) Submit requests to the Board, as appropriate. 	
2	Election of Chair and Vice Chair for 2018	January 24	<ul style="list-style-type: none"> Commission Elects Chair and Vice Chair for 2018. (Action) 	
3	Civic Engagement	January 24	<ul style="list-style-type: none"> Receive feedback from Commission per Transparency Audit). Provide comments to the Board, as necessary. 	

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
4	Winter Preparedness Update	January 24	<ul style="list-style-type: none"> Receive information on the District's Winter Preparedness. (Information) 	
5	Review and Comment to the Board on the Fiscal Year 2019 Preliminary Groundwater Production Charges	January 24	<ul style="list-style-type: none"> Review and comment to the Board on the Fiscal Year 2019 Preliminary Groundwater Production Charges. (Action) Submit requests to the Board, as appropriate. 	
6	Review of Santa Clara Valley Water Commission Work Plan, the Outcomes of Board Action of Commission Requests and the Commission's Next Meeting Agenda	January 24 April 11 July 25 October 24	<ul style="list-style-type: none"> Receive and review the 2018 Board-approved Committee work plan. (Action) Submit requests to the Board, as appropriate. 	
7	Review and Comment to the Board on the Fiscal Year 2019 Proposed Groundwater Production Charges.	April 11	<ul style="list-style-type: none"> Review and comment to the Board on the Fiscal Year 2019 Proposed Groundwater Production Charges. (Action) Provide comments to the Board, as necessary. 	

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

ITEM	WORK PLAN ITEM	MEETING	INTENDED OUTCOME(S) (Action or Information Only)	ACCOMPLISHMENT DATE AND OUTCOME
8	Climate Change Mitigation – Carbon Neutrality by 2020 Program Update	April 11	<ul style="list-style-type: none"> • Receive information on climate change mitigation – carbon neutrality by 2020 program update. (Action) • Provide comments to the Board, as necessary. 	
9	Discussion on the Riparian Corridor Ordinance, Encroachment Process	July 25	<ul style="list-style-type: none"> • Discuss the Riparian Corridor Ordinance, Encroachment Process. (Action) • Provide comments to the Board, as necessary. 	
10	Climate Change and Sea Level Rise Adaptation – Water Supply, Flood Protection, Ecosystems Protection	July 25	<ul style="list-style-type: none"> • Receive information on climate change and sea level rise adaptation – water supply, flood protection, ecosystems protection. (Action) • Provide comments to the Board, as necessary. 	

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

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Commission Officers
Hon. Yoriko Kishimoto, Chair
Hon. Rishi Kumar, Vice Chair

Board Representative
Barbara Keegan, Alternate
Richard P. Santos, Board Representative
John L. Varela, Board Representative

DRAFT AGENDA

SANTA CLARA VALLEY WATER COMMISSION

WEDNESDAY, APRIL 11, 2018

12:00 p.m. – 2:00 p.m.

**Santa Clara Valley Water District
Headquarters Building Boardroom
5700 Almaden Expressway
San Jose, CA 95118**

**Time Certain:
12:00 p.m.**

- 1. Call to Order/Roll Call**
- 2. Time Open for Public Comment on Any Item Not on Agenda**
Comments should be limited to two minutes. If the Commission 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 – January 24, 2018, meeting
- 4. Action Items**
 - 4.1 Review and Comment to the Board on the Fiscal Year 2019 Proposed Groundwater Production Charges (Darin Taylor)
Recommendation: Discuss and consider the attached proposed groundwater production charges and provide comment to the Board on policy implementation, as necessary.
 - 4.2 Climate Change Mitigation – Carbon Neutrality by 2020 Program Update
Recommendation: This is an action item; however, no action is required.
 - 4.3 Review Santa Clara Valley Water Commission Work Plan, the Outcomes of Board Action of Commission Requests and the Commission’s Next Meeting Agenda (Commission Chair)
Recommendation: Review the Board-approved Commission work plan to guide the committee’s discussions regarding policy alternatives and implications for Board deliberation.
- 5. Clerk Review and Clarification of Commission Requests to the Board**
This is a review of the Commission’s Requests, to the Board (from Item 4). The Commission may also request that the Board approve future agenda items for Commission discussion.
- 6. Reports**

Directors, Managers, and Commission members may make brief reports and/or announcements on their activities. Unless a subject is specifically listed on the agenda, the Report is for information only and not discussion or decision. Questions for clarification are permitted.

- 6.1 Director's Report
- 6.2 Manager's Report
- 6.3 Commission Member Reports

7. **Adjourn:** Adjourn to next regularly scheduled meeting at 12:00 p.m., **July 25, 2018**, in the Headquarters Building Boardroom, 5700 Almaden Expressway, San Jose, CA 95118

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 Office of the Clerk of the Board at the Santa Clara Valley Water District Headquarter 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.

The Santa Clara Valley Water District will make reasonable efforts to accommodate persons with disabilities wishing to attend commission meetings. Please advise the Clerk of the Board office of any special needs by calling 1-408-630-2277.

Santa Clara Valley Water Commission's Purpose and Duties

The Santa Clara Valley Water Commission of the Santa Clara Valley Water District is established to assist the Board of Directors (Board) with policies pertaining to water supply, flood protection and environmental stewardship in the areas of interest to Santa Clara County and the Towns and Cities therein.

The specific duties are:

- Prepare policy alternatives
- Provide comment on activities in the implementation of the District's mission
- Produce and present to the Board an Annual Accomplishments Report that provides a synopsis of the annual discussions and actions.

In carrying out these duties, Commission members bring to the District their respective expertise and the interests of the communities they represent. In addition, Commissioners may help the Board produce the link between the District and the public through information sharing to the communities they represent.



Committee: Water Commission
Meeting Date: 01/24/18
Agenda Item No.: 6.1
Unclassified Manager: Anil Comelo
Email: acomelo@valleywater.org
Est. Staff Time: 5 minutes

COMMITTEE AGENDA MEMO

SUBJECT: Receive an Update on the District’s Winter Preparedness

RECOMMENDED ACTION:

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

SUMMARY:

As the agency responsible for local flood protection, the District works diligently to protect Santa Clara Valley residents and businesses from the devastating effects of flooding. Since the early 1980s, the District and its partners have invested approximately \$900 million in flood protection programs, including constructing major flood protection projects that have removed approximately 100,000 parcels from previously flood-prone areas. Despite these efforts, 67,000 parcels continue to be at risk of flooding during a 100-year storm event.

Over the last one year, the District has carried out several efforts to prepare for extreme weather events, respond effectively and minimize the impacts of flooding. In October 2017, the National Weather Service (NWS) recertified the District as Storm Ready. The certification is valid through October 2020.

This report provides information regarding various measures the District has taken to prepare for the Winter season. Specifically, it includes information on the following:

- Weather outlook
- Flood protection and conveyance capacity
- Public engagement
- Preparing and responding to flood emergencies
- Monitoring and flood forecasting
- Reservoir management
- Emergency management systems and response

BACKGROUND:

Winter Hazards

Winter brings an additional set of seasonal hazards that threaten both watersheds and water utility operations. Severe and/or extended precipitation can overwhelm engineered and natural channels and has the potential to damage District flood protection infrastructure. The resulting flooding can prompt municipalities to initiate evacuations and sheltering, and disrupt transportation. Severe storms can also bring high winds and cause landslides that have the potential to impact power, communication and water utility infrastructure.

Weather Forecast

National Weather Service (NWS) seasonal weather models predict about a 75% chance of a La Niña ENSO conditions and a 25% chance of neutral El Niño Southern Oscillation (ENSO) occurring this 2017/2018 fall-winter season. Current expectations are a near normal precipitation for the first part of the water year with a higher likelihood for drier than normal conditions for Santa Clara County January through March of 2018.

NWS forecasters will also be watching how the Pacific Decadal Oscillation (PDO) and Madden-Julian Oscillation (MJO) develop for the winter season. These, and other, seasonal oscillations could bring swings in precipitation amounts, fluctuating snow levels, and/or atmospheric rivers. Medium range forecast capabilities will help to distinguish these events with as much lead time as 10-14 days, though the details may not be worked out until within a few days of any given event. Keep in mind that a season with near normal rainfall can still produce flooding especially if much of the rainfall occurs over a short period of time.

Near-term weather forecasts enable the District to anticipate the location and intensity of rainfall to better mobilize response efforts. The District receives weather forecasts from multiple sources, including meteorology consultants and the NWS. Using this data, District staff makes decisions for flood fighting and for reservoir operations.

Climate Change

Climate change impacts challenge the District's core business. Global climate models and regional or local climate projections indicate the potential for changes in the amount, intensity, and duration of precipitation in the future. To adapt to the effects of climate change, the District has established a Climate Change Framework and team to identify impacts and ways to adapt to climate change scenarios. The District's core service area of flood protection is challenged by climate change, particularly by changes in precipitation patterns and sea-level rise. Even though some effects of climate change, such as sea-level rise will not be fully realized for decades, the long-life expectancy of flood protection projects means those projects must be designed to account for likely future conditions.

Board Natural Flood Protection Ends Policies

The District Board of Directors has established Natural Flood Protection (NFP) Goals 3.1 and 3.2 to provide flood protection for residents, businesses and visitors; and to reduce the potential for flood damages. These goals establish the following five natural flood protection objectives:

- Protect parcels from flooding by applying an integrated watershed management approach that balances environmental quality and protection from flooding (Objective 3.1.1)
- Preserve flood conveyance capacity and structural integrity of stream banks, while minimizing impacts on the environment and protecting habitat values. (Objective 3.1.2)
- Promote the preservation of flood plain functions (Objective 3.2.1)
- Reduce flood risks through public engagement (Objective 3.2.2)
- Prepare and respond effectively to flood emergencies countywide to protect life and property (Objective 3.2.3)

This memorandum describes how District staff is working to achieve each of these objectives.

1. Protect Parcels from Flooding (3.1.1)

The District's Watersheds Design and Construction Division plans, manages, and implements capital improvements to comply with the Board's Ends Policy to protect parcels from flooding. A total of 15 flood protection projects are underway in Fiscal Year 2017-18 with a total FY18 budget of \$59.6 million. Five of these projects are Safe, Clean, Water projects and 10 are funded by property taxes. All have the primary objective of providing natural flood protection for residents, businesses and visitors. As specified in the 5-year Capital Improvement Plan, approximately 25,500 parcels will be protected and/or eligible for removal from the flood hazard zone when these projects are completed.

2. Preserve Flood Conveyance Capacity (3.1.2)

The District's Watershed Operations and Maintenance Division performs sediment removal, levee inspection and maintenance, debris removal, vegetation management, and erosion protection and repairs to comply with the Board's Ends Policy to preserve flood conveyance capacity. These efforts have improved the channel conveyance capacities of many local streams and channels. Work that has been accomplished through the District's Stream Maintenance Program this year includes the following:

- Completion of 390* acres of in-stream vegetation control over 116*miles of streams
- Removal of 33,946* cubic yards of sediment
- About 2,959* linear feet of bank stabilization

*These are year-end estimates and will be revised once all projects have been completed and the end of the year totals are calculated

District staff continues to receive calls from throughout the county to service problematic trees plagued by disease or die off associated with the recent drought. Field crews continue to remove trees that could potentially block flows in local creeks or cause other hazards. Staff is also coordinating with owners of properties where trees have been reported as a potential issue and could pose additional blockage threats in local creeks.

3. Promote the preservation of flood plain functions (3.2.1)

The District preserves floodplain functionality and other watershed assets and interests from external land-use activities by promoting streamside setbacks through implementation and enforcement of the District's Water Resources Protection Ordinance and by participating on municipal General Plan update committees reviewing and commenting on development proposals.

The District's Community Projects Review Unit issues encroachment permits that regulate the third-party use of District lands adjacent to local waterways and acts on enforcement cases. Additionally, the District annually reviews environmental documents and plans for projects outside the District right-of-way to promote District's water resource interests. Through these processes, the District advocates the development setbacks and site layouts that strive to maximize protection of stream and riparian corridors and floodplain function.

4. Reduce flood risks through public engagement (3.2.2)

The District engages the public through its Office of External Affairs to provide flood awareness and safety messages and direct residents to resources. Additionally, through its Office of Water Resource Planning and Policy, the District works with municipal partners and the Community Rating System (CRS) to provide a direct financial benefit to the public through reduced premiums for flood insurance.

Community Rating System, National Flood Insurance Program

The National Flood Insurance Program's (NFIP) Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community floodplain management activities that exceed the minimum NFIP requirements.

As a result, flood insurance premium rates are discounted to reflect the reduced flood risk resulting from the community actions meeting the three CRS goals:

- reduce flood damage to insurable property;
- strengthen and support the insurance aspects of the NFIP; and
- encourage a comprehensive approach to floodplain management.

CRS activities that the District carries out are verified by the Federal Emergency Management Agency (FEMA) and then claimed by the participating CRS communities in Santa Clara County where those activities apply. This simplifies FEMA's CRS bookkeeping and avoids duplicating efforts. Total annual savings on flood insurance

premiums are estimated to be over \$2.3 million from the 10% to 20% discount earned through the CRS program for approximately 16,000 policy holders in Santa Clara County.

The District receives CRS points for our outreach program, mapping of flood risks, open space preservation in floodplains, and maintenance and management of our creeks. A CRS Users Group, consisting of the District and participating CRS communities, was formed in 2013. The Users Group has proven to be very useful not only for discussion of activities that earn CRS points, but also allows dialogue ongoing flood risk reduction efforts and related topics among all cities in the county and serves as an information sharing platform.

Public Education and Community Engagement

This winter, the District will continue to deliver flood-safety messages throughout Santa Clara County. The main public education objectives are the following:

- Convey to the general public that flooding can be a serious threat (even if you don't live in the floodplain)
- Explain what people can do to protect themselves and reduce risk to life and property
- Direct the public to appropriate District resources on valleywater.org for additional information
- Earn credit towards FEMA's Community Rating System through our Program for Public Information, which helps communities earn discounted flood insurance premium rates for residents

In early December, a targeted mailing of the annual floodplain mailer will be distributed to about 53,000 parcel-owners and residents in or near flood-prone areas. The piece provides information on flood-protection projects and flood-safety resources. The mailer is written in English, Spanish, Vietnamese and Chinese. This year, we are including a watershed-specific insert in each mailing which includes a watershed map that shows sandbag sites and 100-year FEMA flood zones.

This year we are preparing for a full-scale paid advertising campaign to launch by December and continue through the end of April of 2018. To reach diverse ethnic audiences, media messages will be delivered through Spanish, Chinese and Vietnamese media outlets. The campaign may be further expanded if the winter turns out to be particularly wet.

During the winter months the District will convey flood preparedness messages through a selected range of communications platforms including radio spots, newspaper ads, online ads, social media and web videos. The focus of the District's flood awareness outreach is to inform the community of flooding hazards in the county and to provide information on what community members can do to protect their family and property before, during and after a potential flooding event. Flood-safety tips and messages will also be heard by callers to the District when placed on hold.

This fall we participated in 16 community events to distribute flood-preparation materials and answer questions about flood safety. We have chosen events that are in areas most prone to flooding. These include parts of South County in Morgan Hill and Gilroy, as well as vulnerable areas in San Jose, including along Senter Road, across from the Rock Springs neighborhood. District staff has pursued partnership opportunities with local community-based organizations in cities with flood-prone areas to identify opportunities for outreach. This outreach was added to our annual outreach effort to foster a more direct, grassroots connection to communities at risk of flooding. We have also made sure to incorporate flood safety materials during the fall months for all community events in which the district has sponsored a booth.

Through our outreach, we are also promoting Santa Clara County's AlertSCC emergency notification system and their ReadySCC app. AlertSCC is a free, easy, and confidential way for anyone who lives or works in Santa Clara County to get emergency warnings sent directly to their cell phone, mobile device, e-mail, or landline. It is one of the most effective ways for local jurisdictions to communicate flood hazards and evacuation orders, but it requires residents to opt into the system. The ReadySCC App allows residents to prepare a family emergency plan with five simple questions, send status updates to contacts, receive advisories and alerts via push

notifications, and includes a detailed guide with step-by-step instructions for creating an emergency kit. As an incentive to download ReadySCC, residents who download the app receive a free emergency starter kit. These kits were first introduced to the community last year and include basic supplies such as a hand-operated flashlight, mylar blanket, rain poncho, safety whistle, gloves and glow stick. While these kits are basic and serve to encourage residents to begin preparedness on a larger scale. Residents who do not have a mobile phone are encouraged to fill out emergency contact cards to receive their kit.

The District website serves as a one-stop shop for flood-related information, including emergency updates, flood safety tips and information on sandbag sites, stream and reservoir gauges in the county, as well as links to the National Weather Service, County Office of Emergency Services; and FEMA'S preparedness site, Ready.gov. Social media and online publications through our news website, valleywaternews.org, will continue to be utilized to provide registered recipients with timely and immediate flood-hazard messages.

In the wake of the February 2017 flooding, the District is committed to continually improving strategies for effective flood safety messaging.

5. Prepare and Respond Effectively to Flood Emergencies (3.2.3)

Despite all the proactive efforts to remove parcels from flood hazard zones, maintain channel conveyance capacities and floodplain function, and engage the public with flood awareness and safety messages, floods still can and do occur - usually with little warning and sometimes with potentially devastating effects.

Flood emergency preparedness entails the combined efforts of many units of the District, notably Emergency and Security Services, Field Operations, Water Supply Operations and Planning, Hydrology and Hydraulics, Communications and other units that contribute staff that are trained to participate in roles assigned in the field, Departmental Operation Centers (DOC), and within the Emergency Operations Center (EOC).

To ensure that the District is in the best possible state of readiness to address flooding when it does occur, the District maintains tools, processes, trained staff and interagency relationships that enable coordinated field response and public information.

Emergency Action Planning

Emergency Action Plans (EAPs) are documents that identify potential emergency conditions at facilities, such as creeks, and specifies actions to be followed to minimize loss of life and property damage. These documents include:

- Actions taken to moderate or alleviate a problem
- Actions, in coordination with emergency management authorities, to respond to incidents or emergencies
- Procedures to follow and warning and notification messages for responsible downstream emergency management authorities
- Inundation maps to help emergency management authorities identify critical infrastructure and population-at-risk sites that may require protective measures, warning, and evacuation planning
- Delineation of the responsibilities of all those involved in managing an incident or emergency and how the responsibilities should be coordinated

The EAPs are created following the guidance from the Federal Emergency Management Agency federal guidelines for emergency action planning for dams (FEMA Publication No. P-64). As well, EAPs also incorporate the guidance of the Federal Energy Regulatory Commission's Chapter 6 Emergency Action Plans of the Engineering Guidelines for the Evaluation of Hydropower Projects.

The most recent of these plans is the joint Coyote EAP developed in coordination with the City of San José, following the February 2017 flooding along sections of Coyote Creek. The joint EAP was adopted by the San José City Council and the District Board in November 2017.

Monitoring and Flood Forecasting

The District forecasts incoming weather systems based on weather reports received from multiple sources including the National Weather Service (NWS) and media sources such as Fox Weather. In addition, the District augments standard weather reports with detailed quantitative precipitation forecasts (QPFs) from several sources, leveraging knowledge from private meteorologists, academia, and the NWS, to get a picture of a storm event. These QPFs include details such as the amount, duration, location, and timing of storm patterns.

For real-time monitoring, as the rain and flood events unfold, the District operates more than a 100 precipitation, reservoir level, and stream gauges, including 85 stream flow gauges, 10 reservoir gauges and 47 precipitation stations. All the District stream and rain gauges are regularly maintained and calibrated. This year, the District installed an “X-band” radar unit on top of the rooftop of the Penitencia Water Treatment Plant. The unit is part of the Bay area AQPI (Advanced Quantitative Precipitation Information) system. The short range and lower elevation radar supplements our existing rainfall gauge system and provides more precise rainfall data in real time.

In addition, under the District’s Safe, Clean Water Program Priority C Project, Emergency Response Upgrades Project, the District is running an experimental flood forecast and warning system, using automated hydrologic and hydraulic models to determine creek runoff and expected reservoir levels. The models ingest data from both the QPFs and monitoring sensors mentioned earlier. As the back-end modeling system and front-end user interface are perfected, additional forecast points and features can be added to provide intelligence to decision makers, emergency responders, and the general public.

Reservoir Management

The District operates 10 surface water reservoirs throughout the county. The District reservoirs are operated primarily as water supply facilities that provide incidental flood protection, environmental and recreational benefits. Many reservoirs are operated to flood risk reduction rule curves. The volume of water above the flood management rule curve may be released if it is safe to do so, to create additional storage in the reservoir and reduce flood potential. The curves maximize water supply benefit and minimize flood risk with a high probability of the water being recovered by the end of the season. For the 2017/2018 winter season, because of the improved water supply resulting from last winter’s above-average precipitation, the Board has directed staff to operate Anderson and Coyote Reservoirs at a lower combined level this year than in past years, which will further reduce the risk of flooding downstream.

The following is a checklist of activities performed by Raw Water Operations/Field Operations staff before a reservoir flood release is initiated;

- Check weather forecast (estimate rainfall runoff)
- Check stream flow
- Check for National Weather Service Advisories/Watches/Warnings
- Coordinate with Watershed Operations (identify any existing blockages or restrictions downstream)
- Notify residents and agencies on creek contacts list

Real-time Information, Alerts and Warnings

The District provides precipitation and stream gauge data to the public via its website and this year the District launched a new flood watch website that utilizes a user-friendly interactive map to allow residents to monitor levels in their own neighborhoods.

The District website also provides access to weather forecasts, reservoir levels, precipitation, and flood-safety measures through its Weather/Hydrologic Assessment and Strategic Update Plan (WHASUP) that, beginning in November, is issued twice per week or more frequently as needed throughout the winter. The public can sign up to receive automatic emails when WHASUP information is updated. The District also promotes the County’s emergency alert system AlertSCC as well the ReadySCC.

District, Countywide and Regional Emergency Management Systems

The District maintains facilities, equipment, procedures, trained staff and inter-agency relationships that enable it to respond to floods and other emergencies. District emergency management facilities include its Districtwide Emergency Operations Center (EOC) and Water Utility and Watersheds Departmental Operations Centers (DOCs). The District maintains a dedicated, primary EOC that is equipped with both high and low-tech communication and information storage and display technologies to allow the enable EOC functions to perform under all hazard scenarios. EOC equipment is regularly inventoried, maintained and tested to ensure readiness. District DOCs facilities are equipped for emergencies that can be handled within departmental resources and capabilities. The District maintains its Emergency Operations Plan and EOC Activation Guides within the District's Quality and Environmental Management System (QEMS). Position-specific checklists are available within the EOC to help guide EOC staff in the performance of their Standardized Emergency Management System (SEMS) response functions.

Over the last year, select District EOC response staff have participated in internal and multi-agency exercises. Exercises are designed to develop, learn, and test response capabilities under various hazard scenarios.

12/07/16	San Francisquito Creek Workshop and Tabletop Exercise (TTX)
02/07/17	San Francisquito Creek Levee Activation
02/09/17	San Francisquito Creek HWY 101 Activation
02/20/17	Coyote Creek Flood Event Activation
03/01/17	Llagas-Chual Spur Potential Landslide Activation
April 2017–Present	Development of a Joint Coyote Creek EAP
09/14/17-09/15/17	SCC Operational Area-Wide Exercise
09/21/17	Joint Coyote Creek EAP TTX

These exercises enabled staff to practice and identify areas of improvement for the operational coordination, operational communication, situational awareness, public information and warning, and infrastructure system core capabilities as defined by the National Response Framework.

Each fall, the District Emergency and Security Unit hosts a multi-jurisdictional Winter Emergency Operations and Preparedness Workshop. This year's event was held on Oct. 26, 2017. Attendees included emergency managers and public works representatives from all 15 cities within the county, the County, and other local and state agencies. District staff reviewed the following topics during the workshop:

- o Flood priority inspection locations (flooding hot spots)
- o Real-time online resources for stream/reservoir/precipitation data
- o Dam operations during the winter (flood rule curves, seismic stability operating restrictions)
- o Coordination of District flood fighting resources (levee repair, debris blockages, and sand bagging)

The following made presentations on resource support:

- o California Department of Water Resources (DWR)
- o California Conservation Corps (CCC)
- o CAL FIRE
- o NWS
- o Santa Clara County Office of Emergency Services (SCC OES)
- o City of San José (CSJ OEM)

In addition to the Winter Preparedness Workshop, District emergency management staff, senior executives and elected officials foster strong interagency emergency preparedness relationships by participating in several important groups including the Santa Clara County Emergency Managers Association, the Santa Clara County Operational Area Signatories, and the Santa Clara County Emergency Operational Area Council.

District Field Response Actions and Capabilities

During a flood event the District can mobilize a field response that includes:

- maintaining a watersheds 24/7 hotline;
- deploying Field Information Teams (FIT); and
- maintaining a list of known flooding hotspots to expedite on-site arrival of resources and crews that are able to remove blockages, deploy sandbags and perform other functions to maximize flood conveyance capacity during a storm.

The District provides filled sandbags to 5 sites throughout Santa Clara County. Typically for winter seasons with average rainfall forecasts, the District stocks 20,000 filled sandbags to these locations by the end of October, restocking those sites with up to 40,000 filled bags as needed. When all the filled sandbags have been used, the District will then supply empty bags and sand at those locations.

Additionally, the District provides empty sandbags to municipal and county public works departments to stock an additional 19 sites around the County. Empty sandbags are offered to county public works agencies beginning October 1.

Maps of sandbag locations have been prepared in conjunction with other entities. The site locations are provided through the following link: <<http://valleywater.org/services/sandbagsites.aspx>>.

The Morgan Hill and Palo Alto sites have webcams installed to allow residents to check on sandbag availability via the District webpage. These webcams provide the District a cost-effective way to remotely monitor the sites to replenish and provide more timely services to the residents and the county.

The District currently has 407,000 empty sandbags and 278 cubic yards of sand in storage.

The District is Certified Storm Ready

As a result of the District's efforts to protect parcels from flooding, preserve flood conveyance capacity, engage the public to reduce flood risks, and maintain capabilities to respond to storm and flood events, the District continues to be recognized by the NWS as Storm Ready. The District received the recertification in October 2017 and it is valid through October 2020.

ATTACHMENT(S):

None