

February 14, 2019

MEETING NOTICE & REQUEST FOR RSVP

TO: SANTA CLARA VALLEY WATER DISTRICT YOUTH COMMISSION

Jurisdiction

District 1
District 2
District 3
District 4
District 5
District 6
District 7

Representative

Ishita Verma, Serena Wood
Kalie Ching, Elise Mullen, Visala Tallavarjula
Ari Feinsmith, Thomas Nguyen, Yugam Satija
Adrienne Couteau, Shloka Janapaty, Navya Pariti
Arnav Gattani, Alden Hughes, Michael Zhao
Kathryn Bravo, Hugo Marquez,
Cole Baker, Sofia Ruiz, Arushi Saxena

The regular meeting of the Santa Clara Valley Water District Youth Commission is scheduled to be held on **Wednesday, February 27, 2019, at 6:00 p.m.**, in the Headquarters Building Boardroom, located at the Santa Clara Valley Water District, 5700 Almaden Expressway, San Jose, California. Dinner 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 <https://www.valleywater.org/how-we-operate/committees/board-advisory-committees>

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

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

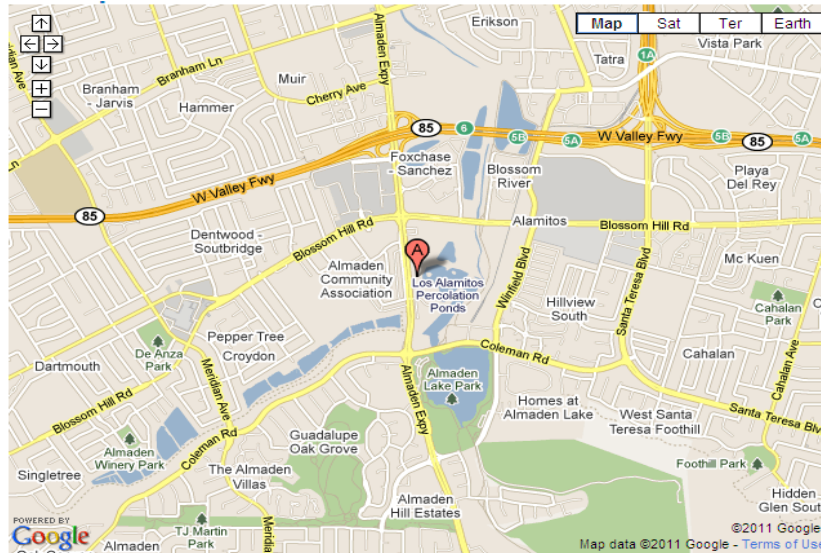
Members with two or more consecutive unexcused absences will be subject to rescinded membership.

Please confirm your attendance **no later than Monday, February 25, 2019; 4:00 p.m.** by contacting Glenna Brambill at 1-408-630-2408, or gbrambill@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



Santa Clara Valley Water District Youth Commission Meeting

HQ Boardroom
5700 Almaden Expressway
San Jose CA 95118

REGULAR MEETING AGENDA

Wednesday, February 27, 2019
6:00 PM

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

SCVWD YOUTH COMMISSION
BOARD COMMITTEE
REPRESENTATIVES

Nai Hsueh - District 5
Barbara Keegan - District 2
John L. Varela - District 1

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

Note: The finalized Board Agenda, exception items and supplemental items will be posted prior to the meeting in accordance with the Brown Act.

Santa Clara Valley Water District
Santa Clara Valley Water District Youth Commission
REGULAR MEETING
AGENDA

Wednesday, February 27, 2019

6:00 PM

HQ Boardroom
5700 Almaden Expressway
San Jose CA 95118

1. CALL TO ORDER:

1.1. Roll Call.

2. Time Open for Public Comment on any Item not on the Agenda.

Notice to the public: This item is reserved for persons desiring to address the Committee on any matter not on this agenda. Members of the public who wish to address the Committee on any item not listed on the agenda should complete a Speaker Card and present it to the Committee Clerk. The Committee Chair will call individuals in turn. Speakers comments should be limited to three minutes or as set by the Chair. The law does not permit Committee action on, or extended discussion of, any item not on the agenda except under special circumstances. If Committee action is requested, the matter may be placed on a future agenda. All comments that require a response will be referred to staff for a reply in writing. The Committee may take action on any item of business appearing on the posted agenda.

2.1 Manager Report

3. APPROVAL OF MINUTES:

3.1. Approval of Minutes.

4. INTERACTIVE ACTIVITY

5. ACTION ITEMS:

5.1. Update of the Adopt-A-Bench Art Project (Pilot).

[19-0112](#)

Recommendation: A. Receive staff's update on the Adopt-A-Bench Art Project, including the selection of the first seven benches.

Manager: Rick Callender, 408-630-2017

Attachments: [Attachment 1: Selected Benches AAB](#)

Est. Staff Time: 10 Minutes

- 5.2. Update on Synopsys Science Fair. [19-0113](#)
Recommendation: Update the Youth Commission on the Synopsys Science Fair Sponsorship and District Participation.
Manager: Rick Callender, 408-630-2017
Est. Staff Time: 5 Minutes
- 5.3. Youth Citizen Science Network Presentation. [19-0114](#)
Recommendation: Receive the Youth Commission's Vice Chair's presentation for discussion.
Manager: Rick Callender, 408-630-2017
Attachments: [Attachment 1: Youth Citizen Science Network](#)
Est. Staff Time: 15 Minutes
- 5.4. Update from Santa Clara Valley Water District Youth Commission's Working Groups. [19-0116](#)
Recommendation: Provide comments to the Board on implementation of District mission applicable to working groups' recommendations.
Manager: Michele King, 408-630-2711
Attachments: [Attachment 1: 2019 Youth Comm Working Groups](#)
[Attachment 2: Job Shadow Information](#)
Est. Staff Time: 15 Minutes
- 5.5. Outreach for Vacant Youth Commission Seats [19-0175](#)
Recommendation: Receive staff's update on the upcoming outreach efforts to recruit applicants for the current and upcoming vacant seats on the Youth Commission.
Manager: Rick Callender, 408-630-2017
Est. Staff Time: 5 Minutes
- 5.6. Review Santa Clara Valley Water District Youth Commission Work Plan, and Propose the Commission's Next Meeting Agenda. [19-0117](#)
Recommendation: Review the Commission's work plan to guide the Commission's discussions and schedule the next meeting and agenda.
Manager: Michele King, 408-630-2711
Attachments: [Attachment 1: 2019 SCVWD Youth Comm Work Plan](#)
Est. Staff Time: 10 Minutes

6. Clerk Review and Clarification of Committee Requests.

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

7. ADJOURN:

- 7.1. Interactive Activity - Adjourn to Regular Meeting at 6:00 p.m., on May 22, 2019, in the Santa Clara Valley Water District HQ Boardroom, 5700 Almaden Expressway, San Jose, California.

File No.: 19-0111

Agenda Date: 2/27/2019

Item No.: 3.1.

COMMITTEE AGENDA MEMORANDUM

Santa Clara Valley Water District Youth Commission

SUBJECT:

Approval of Minutes.

RECOMMENDATION:

Approve the November 28, 2018, Meeting Minutes.

SUMMARY:

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

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

ATTACHMENTS:

Attachment 1: 112818 SCVWD Youth Comm Draft Meeting Minutes.

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711



SANTA CLARA VALLEY WATER DISTRICT YOUTH COMMISSION MEETING

DRAFT MINUTES

**WEDNESDAY, NOVEMBER 28, 2018
6:00 PM**

(Paragraph numbers coincide with agenda item numbers)

A regular meeting of the Santa Clara Valley Water District Youth Commission (Youth Commission) was held on November 28, 2018, in the Headquarters Building Boardroom, located at the Santa Clara Valley Water District, 5700 Almaden Expressway, San Jose, California.

1. CALL TO ORDER

Chair Visala Tallavarjula called the meeting to order at 6:15 p. m.

1.1 /ROLL CALL

A quorum was established with 12 Members present.

Members in attendance were:

<u>Jurisdiction</u>	<u>Representative</u>	<u>Representative</u>	<u>Representative</u>
District 1	Ishita Verma	Serena Wood	
District 2	Kalie Ching	Elise Mullen	Visala Tallavarjula
District 3	Thomas Nguyen	Yugam Satija*	
District 4	Adrienne Couteau	Shloka Janapaty	
District 5	Alden Hughes	Michael Zhao	
District 6	Kathryn Bravo	Hugo Marquez	
District 7	Cole Baker*	Sofia Ruiz*	

Members not in attendance were:

<u>Jurisdiction</u>	<u>Representative</u>	<u>Representative</u>	<u>Representative</u>
District 1	Christina Vo		
District 3	Ari Feinsmith		
District 4	Navya Pariti		
District 5	Arnav Gattani		
District 7	Arushi Saxena		

*Youth Commission Members arrived as noted.

Board member in attendance was: Director Nai Hsueh, Board Representative.

Staff members in attendance were: Glenna Brambill, Mera Burton, Rick Callender, Janet Hedley, Michal Helman, Meda Okelo, Ahmar Qadir and Sherilyn Tran.

Guest in attendance was: Hon. Forrest Williams.

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

There was no one present who wished to speak.

3. OATH OF OFFICE

There was no one present to receive the oath of office.

4. APPROVAL OF MINUTES

4.1 APPROVAL OF MINUTES

It was moved by Ms. Serena Wood, seconded by Ms. Adrienne Couteau, and unanimously carried, to approve the September 12, 2018, Santa Clara Valley Water District Youth Commission meeting minutes as presented.

5. INTERACTIVE ACTIVITY

Ms. Janet Hedley facilitated the interactive activity, having the Youth Commission dividing into groups.

*Mr. Yugam Satija arrived at 6:20 p.m.

*Ms. Sofia Ruiz arrived at 6:29 p.m.

*Mr. Cole Baker arrived at 6:35 p.m.

6. ACTION ITEMS

Chair Visala Tallavarjula proceeded to Agenda Item 6.2.

6.2 YOUTH COMMISSION SURVEY RESULTS

Ms. Michal Helman reviewed the materials as outlined in the agenda item and distributed the survey results.

The Youth Commission took the following actions:

It was moved by Mr. Michael Zhao, seconded by Mr. Thomas Nguyen, and unanimously carried, to approve the survey results report as presented.

It was moved by Ms. Serena Wood, seconded by Ms. Elise Mullen, and unanimously carried, to approve the below four working groups as presented:

1. Mentorship
2. Adopt-A-Creek
3. Job Fair
4. Career Shadowing

Chair Visala Tallavarjula proceeded to Agenda Item 6.1.

6.1 PRESENTATION OF THE ADOPT-A-CREEK ART PROJECT (PILOT)

Ms. Sherilyn Tran reviewed the materials as outlined in the agenda item and available to answer questions.

Ms. Serena Wood and Mr. Michael Zhao had the following questions: is this pilot open to the public, school groups, other organizations, what does it cost and how are the benches going to be repurposed?

The Youth Commission took the following action:

It was moved by Ms. Adrienne Couteau, seconded by Ms. Serena Wood, and unanimously carried, to approve the Adopt-A-Bench Pilot Program as presented.

6.3 SYNOPSIS SCIENCE FAIR UPDATE

Chair Visala Tallavarjula reviewed the materials as outlined in the agenda item.

Hon. Forest Williams, Synopsis guest clarified what the Fair does, how the Water District will be involved and was available to answer questions.

Ms. Serena Wood, Mr. Michael Zhao, Ms. Visala Tallavarjula, Ms. Shloka Janapaty and Mr. Rick Callender had the following questions or concerns: Will the Youth Commissioners undertake this as a project, when will this begin, is advertising happening now, monetary incentive, deadline, alternative methods to receive recognition and pre-approvals/impacts?

Director Nai Hsueh gave input on what the Board of Directors' potential commitment level could be for the Science Fair, however, it would have to be decided by the full board.

The Youth Commission took the following action:

It was moved by Ms. Serena Wood, seconded by Mr. Michael Zhao, and unanimously carried, to approve touring district facilities, giving public recognition and monetary gifts.

6.4 DISCUSS AND POPULATE SANTA CLARA VALLEY WATER DISTRICT YOUTH COMMISSION WORK PLAN AND PROPOSE THE COMMITTEE'S NEXT MEETING AGENDA

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

Commissioners had questions regarding: meeting frequency, quorum and working groups.

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

Ms. Glenna Brambill reported there were three action items for Board consideration.

Agenda Item 6.2:

The Youth Commission unanimously approved the survey results and the four working groups as presented:

1. Mentorship
2. Adopt-A-Creek
3. Job Fair
4. Career Shadowing

Agenda Item 6.1:

The Youth Commission unanimously approved the Adopt-A-Bench Pilot Program.

Agenda Item 6.3:

The Youth Commission unanimously approved touring district facilities, giving public recognition and monetary gifts.

8. **ADJOURN**

Ms. Mera Burton facilitated the adjourning interactive activity with the Commissioners.

Chair Visala Tallavarjula adjourned at 7:52 p.m. to the next regular meeting TBD in 2019.

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

Approved:

File No.: 19-0112

Agenda Date: 2/27/2019
Item No.: 5.1.

COMMITTEE AGENDA MEMORANDUM

Santa Clara Valley Water District Youth Commission

SUBJECT:

Update of the Adopt-A-Bench Art Project (Pilot).

RECOMMENDATION:

Receive staff's update on the Adopt-A-Bench Art Project, including the selection of the first seven benches.

SUMMARY:

At the December 11th Board of Directors Meeting, the Board approved the Youth Commission's recommendation to participate in the pilot Adopt-A-Bench Art Project. Staff worked with the commissioners to select the first seven benches for the project.

There are nearly 200 interpretive benches throughout the county. Staff narrowed it down to the top 21 (three benches per board district). Staff solicited the Youth Commission's bench preferences through a rank choice voting method that was sent out via SurveyMonkey. Youth Commissioners were sent surveys with the top three benches in their district to rank. Staff reviewed the surveys and five districts had a clear top choice. Two districts ended up with ties. Staff requested for the Chair of the Youth Commission to break the tie for the two remaining districts. The following benches were selected in each district:

District	City	Bench Location
1	Gilroy	Christmas Hill Park near the amphitheater
2	Santa Clara	Homestead Road near Saratoga Creek
3	Milpitas	Hidden Lake Park along the eastern part of the lake
4	San Jose	Los Almitos Creek Trailhead near top of stairs of parking lot
5	Cupertino	McClellan Ranch Preserve by Deep Cliff Golf Course
6	San Jose	Mabury Pond along Penitencia Creek Trail
7	Los Altos	Heritage Oaks Park near intersection of Miramonte & Portland

Staff will work to identify any regulations or requirements for public arts in each city in which the bench is located through their respective Arts Commission, if one is in place. The Youth Commission will work with the art advisor to come up with creative designs and paint techniques for the benches. All designs will be presented at a future Board of Directors meeting for review and approval.

ATTACHMENTS:

Attachment 1: Selected Benches for Adopt-A-Bench Art Project (Pilot)

UNCLASSIFIED MANAGER:

Rick Callender, 408-630-2017

Adopt-A-Bench Art Project
Selected Benches for Pilot Project

District	City	Bench Location
1	Gilroy	Christmas Hill Park near the amphitheater
2	Santa Clara	Homestead Road near Saratoga Creek
3	Milpitas	Hidden Lake Park along the eastern part of the lake
4	San Jose	Los Almitos Creek Trailhead near top of stairs of parking lot
5	Cupertino	McClellan Ranch Preserve by Deep Cliff Golf Course
6	San Jose	Mabury Pond along Penitencia Creek Trail
7	Los Altos	Heritage Oaks Park near intersection of Miramonte & Portland

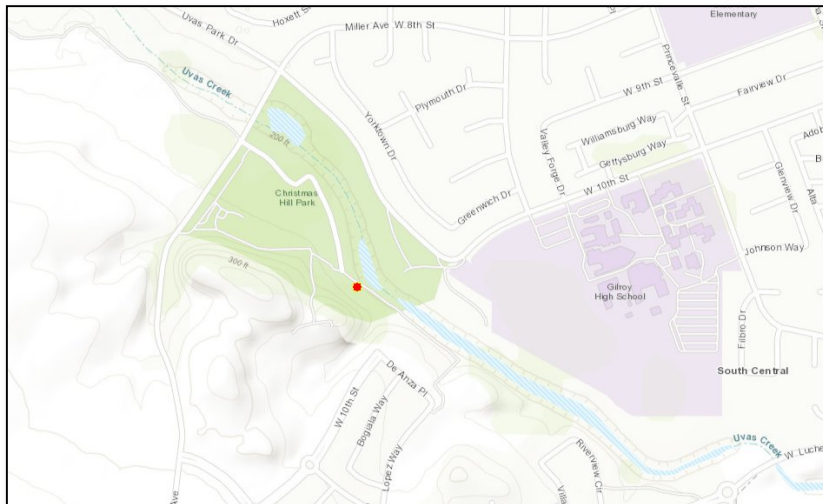
District 1

Board Member	John Varela
Bench Name	Bench 036
Bench Type	Flood
City	Gilroy
General Location	Christmas Hill Park
Location Description	Cross Street – Miller Ave. Located at the southern end of the Christmas Hill Park parking lot, near the park's amphitheater.
Coordinates	36.995163, -121.582692
Bench Signage Description	The signage explains the importance of riparian communities because they provide shade, protection, and food for the wildlife that live in the area. It also talks about where Santa Clara County gets its water from.

Interpretive Bench Pictures



Location on Map



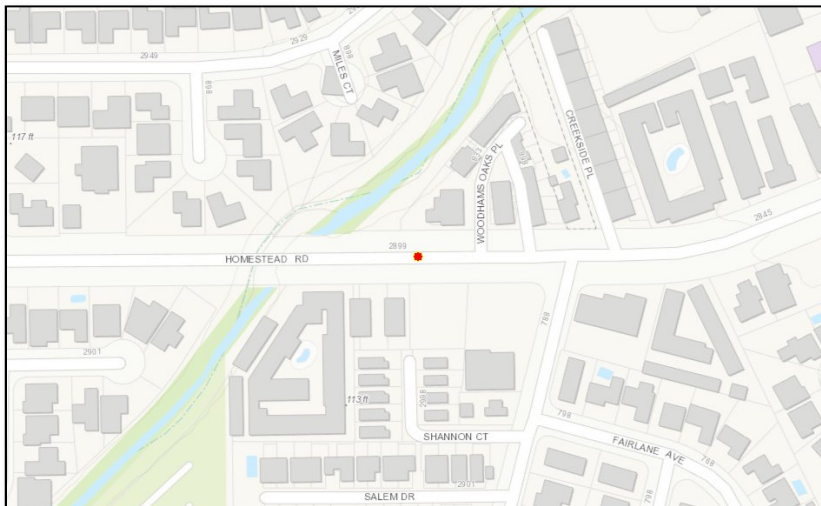
District 2

Board Member	Barbara Keegan
Bench Name	Bench 170
Bench Type	Flood
City	Santa Clara
General Location	Homestead Rd.
Location Description	Cross Street – Woodhams Oaks Pl. Located on the section of Homestead Rd. that crosses over Saratoga Creek.
Coordinates	37.338035, -121.980393
Bench Signage Description	The signage provides facts about Saratoga Creek, where it flows through, and its purpose in providing water for percolation for valley residents. The signage also provides some history about flooding in the Santa Clara area, and how storm drains help to avoid floods.

Interpretive Bench Pictures



Location on Map



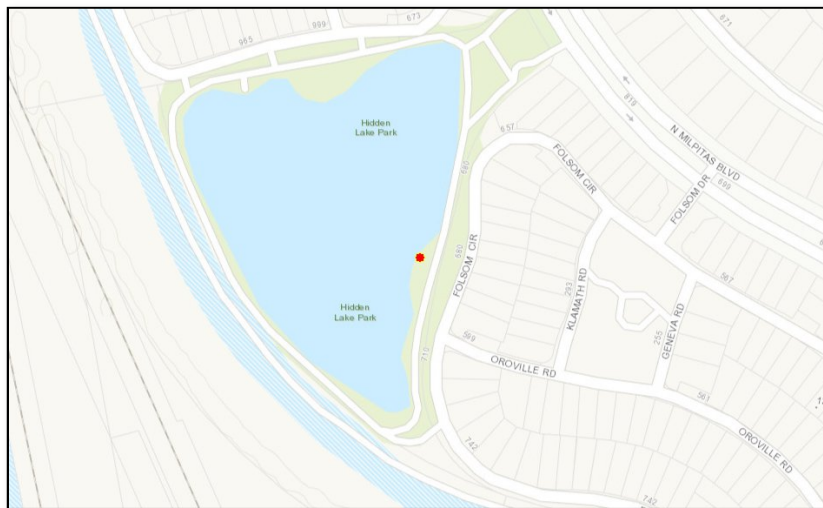
District 3

Board Member	Richard Santos
Bench Name	Bench 050
Bench Type	Flood
City	Milpitas
General Location	Hidden Lake Park
Location Description	Cross Street – N Milpitas Blvd. Located within Hidden Lake Park, along eastern part of the lake perimeter.
Coordinates	37.439819, -121.905460
Bench Signage Description	The signage provides information about the importance of keeping storm drains clear of debris to combat against flooding. The signage also explains that sections of Berryessa Creek have concrete bottoms and steep sides to improve water flow during storms.

Interpretive Bench Pictures



Location on Map



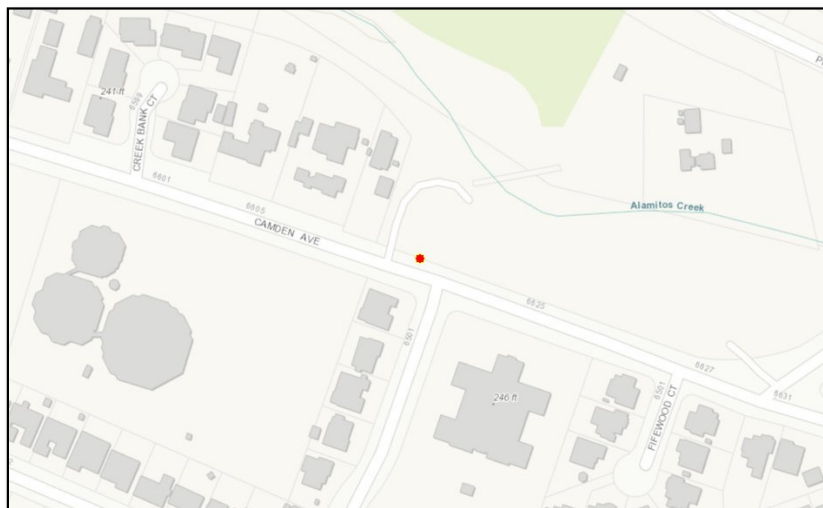
District 4

Board Member	Linda J. LeZotte
Bench Name	Bench 003
Bench Type	Flood
City	San Jose
General Location	Los Alamitos Creek Trailhead Parking Lot
Location Description	Cross Street – Mt. Forest Dr. Located at the top of the stairs above the parking lot of Los Alamitos Creek Trailhead.
Coordinates	37.222939, -121.853899
Bench Signage Description	[The signage is a little too damaged to be able to distinguish what the content is about]

Interpretive Bench Pictures



Location on Map



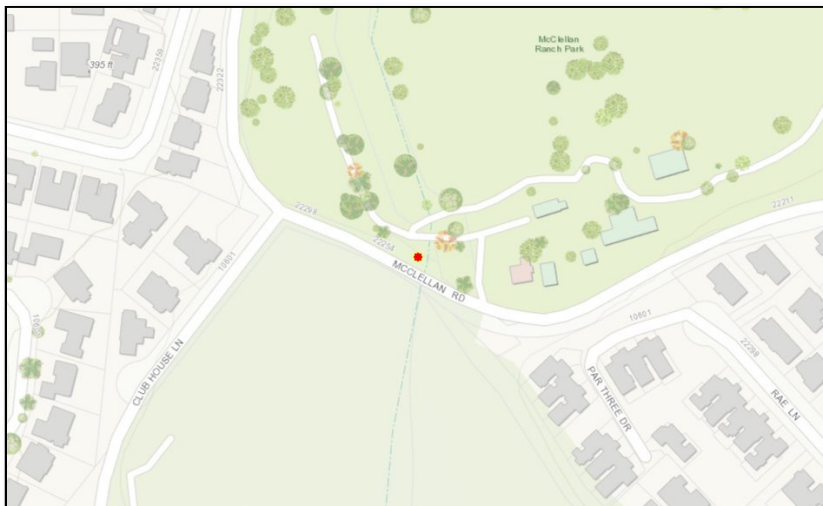
District 5

Board Member	Nai Hsueh
Bench Name	Bench 019
Bench Type	Environmental
City	Cupertino
General Location	McClellan Ranch Preserve
Location Description	Cross Street – Clubhouse Ln. Located in between the Deep Cliff Golf Course and McClellan Ranch Preserve, along McClellan Rd.
Coordinates	37.313047, -122.064083
Bench Signage Description	The signage provides information about where Stevens Creek originates, and which cities it flows through. The signage goes on to stress the importance about maintaining healthy riparian communities for the wildlife to thrive year-round.

Interpretive Bench Pictures



Location on Map



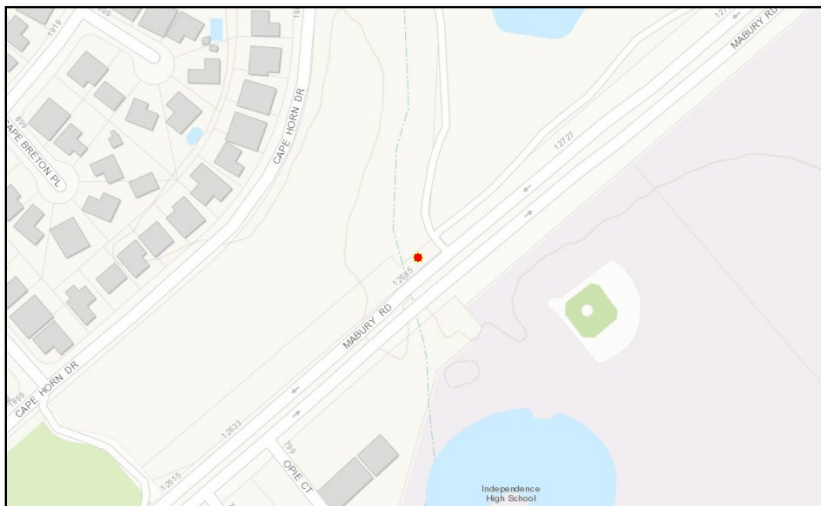
District 6

Board Member	Tony Estremera
Bench Name	Bench 132
Bench Type	Environmental
City	San Jose
General Location	Mabury Pond
Location Description	Cross Street – N King Rd. Located adjacent Mabury Rd., in between Penitencia Creek County Park and the Mabury Pond, along Penitencia Creek Trail.
Coordinates	37.372284, -121.861588
Bench Signage Description	The signage provides information about where Upper Penitencia Creek originates and where it drains. The signage also goes on to give general facts about the importance of keeping riparian communities healthy.

Interpretive Bench Pictures



Location on Map



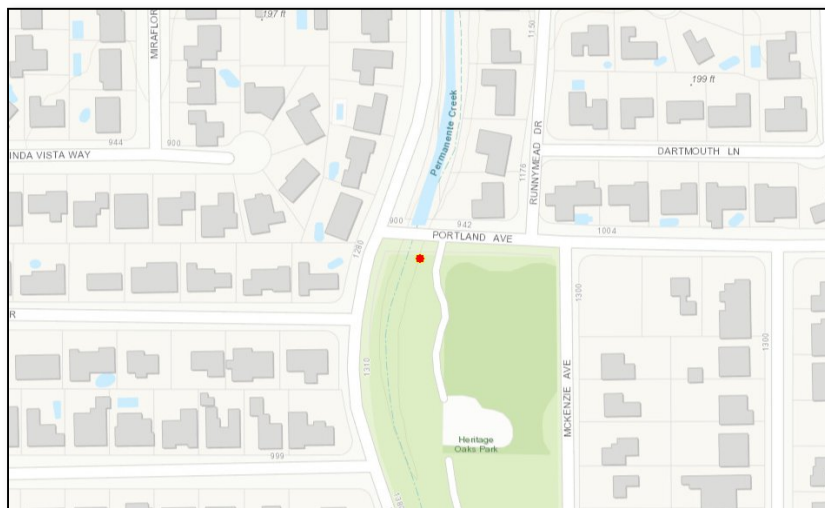
District 7

Board Member	Gary Kremen
Bench Name	Bench 072
Bench Type	Flood
City	Los Altos
General Location	Heritage Oaks Park
Location Description	Cross Street – Portland Ave. Located within Heritage Oaks Park, near the intersection of Miramonte Ave. and Portland Ave.
Coordinates	37.359506, -122.087081
Bench Signage Description	The signage provides information on how Permanente Creek rose over its banks in the 50's and 80's causing millions of Dollars in damage, and how the Permanente Diversion channel was built to help combat against future flooding for many cities.

Interpretive Bench Pictures



Location on Map



File No.: 19-0113

Agenda Date: 2/27/2019

Item No.: 5.2.

COMMITTEE AGENDA MEMORANDUM

Santa Clara Valley Water District Youth Commission

SUBJECT:

Update on Synopsys Science Fair.

RECOMMENDATION:

Update the Youth Commission on the Synopsys Science Fair Sponsorship and District Participation.

SUMMARY:

At the December 11, 2018, Santa Clara Valley Water District Board meeting, the Board of Directors voted unanimously to support the Youth Commission's recommendation to be a Synopsys Science Fair Special Award Sponsor. In addition, the Board approved the commission's recommendation to add the following components to the Synopsys Science Fair Special Award Sponsorship:

1. Tour of district facilities for winner(s); and
2. Public recognition at a Board of Directors meeting; and
3. Contribution of an additional \$550 sponsorship to the Synopsys Science Fair (the original contribution was \$550) for a total of \$1,100.

On December 18, 2018, the Synopsis Science Fair application was approved for an \$1,100 sponsorship through the district's community sponsorship application process. This \$1,100 will be used as monetary awards for top placing entries in two special award categories that will solely consider water-related projects in 1) earth and environmental science, and 2) chemical and environmental engineering.

In addition, the district will participate in the March 14, 2019, fair by providing staff judges for the district-sponsored special award categories.

The Synopsys Science Fair Special Award and district participation as judges is made possible through the Youth Commission's efforts to bring awareness of this science fair and its nexus with the district's mission to the Board. As a result, the district will have an opportunity to increase awareness of issues and activities related to water supply, conservation, flood protection, and stream stewardship to all middle and high school students in Santa Clara County.

The Youth Commission plans to increase its involvement in future science fairs and will discuss opportunities, such as creating judging criteria for the special awards, in the near future.

File No.: 19-0113

Agenda Date: 2/27/2019
Item No.: 5.2.

ATTACHMENTS:

None.

UNCLASSIFIED MANAGER:

Rick Callender, 408-630-2017

File No.: 19-0114

Agenda Date: 2/27/2019
Item No.: 5.3.

COMMITTEE AGENDA MEMORANDUM

Santa Clara Valley Water District Youth Commission

SUBJECT:

Youth Citizen Science Network Presentation.

RECOMMENDATION:

Receive the Youth Commission's Vice Chair's presentation for discussion.

SUMMARY:

Youth Commission Vice Chair Janapaty, is presenting the enclosed presentation on Youth Citizen Science Network for discussion.

ATTACHMENTS:

Attachment 1: PowerPoint Presentation Youth Citizen Science Network

UNCLASSIFIED MANAGER:

Rick Callender, 408-630-2017



Youth Citizen Science Network

Santa Clara Valley Water District

*Pacheco Creek; Mercury News

Ideas under this Umbrella

1. Encouraging students in schools to measure TDS (and other parameters) in their middle/high school infrastructure
2. Providing opportunities for local youth to accompany a SCVWD scientist while he or she collects data about creek health
3. Creating opportunities for students to measure TDS in local infrastructure



Objectives

1. Create more volunteer opportunities for students with the Water District
2. Facilitate the conversation about how water issues affect students' daily lives in school
3. Enable youth to shadow scientists as they collect data about local bodies of water
4. Increase youth involvement with local environmental issues



Cost and Logistics

- Measuring TDS and other parameters at local schools/infrastructure
 - Students collect data as part of environmental science class lab activities or extra credit, or as an environmental club activity.
 - Water District lends meters to qualified school officials (science teachers/coordinators).
 - Faucet and pipe measurements are taken.
 - Measurements provided to SCVWD water quality.
- Creek monitoring events
 - Students and their parents provide their own transportation.
 - SCVWD does not need to purchase any additional scientific equipment.
 - Student participation counts as volunteering.

Your Ideas

- How can we involve local middle and high school students?
- Can we approach schools to facilitate these program?
- What kind of advertising or outreach would be most effective?
- How can water quality data collected in schools be organized? Who would receive this data?
- Would it be unwise to lend schools TDS meters? Can the Water District fund/encourage the purchase of TDS meters in certain schools? Or would this be too expensive?
- Any improvements, suggestions, details?

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File No.: 19-0116

Agenda Date: 2/27/2019

Item No.: 5.4.

COMMITTEE AGENDA MEMORANDUM

Santa Clara Valley Water District Youth Commission

SUBJECT:

Update from Santa Clara Valley Water District Youth Commission's Working Groups.

RECOMMENDATION:

Provide comments to the Board on implementation of District mission applicable to working groups' recommendations.

SUMMARY:

At the Committee's November 2018 meeting, the Commission approved three working groups to work on issues and policies that the Commission has on their work plan and calendar for this year.

This will be a standing agenda item.

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 Board 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, Board 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 Board's Committees may help the Board produce the link between the District and the public through information sharing to the communities they represent.

ATTACHMENTS:

Attachment 1: 2019 Working Groups Spreadsheet

Attachment 2: 2019 Job Shadow Information

File No.: 19-0116

Agenda Date: 2/27/2019
Item No.: 5.4.

UNCLASSIFIED MANAGER:
Michele King, 408-630-2711

2019 Youth Commission Working Groups

Name	Career Shadowing and Mentorship	Organizing Job Fairs	Creek Stewardship (formerly Adopt-A-Creek)
Cole Baker			X
Kathryn Bravo		X	
Adrienne Couteau			X
Kalie Ching	X		
Alden Hughes	X		
Shloka Janapaty			X
Elise Mullen		X	
Hugo Marquez	X		
Thomas Nguyen	X		
Yugam Satija		X	
Sofia Ruiz			X
Arushi Saxena	X		
Visala Tallavarjula			X
Ishita Verma	X		
Serena Wood		X	
Michael Zhao	X		
Total Members	7	4	5
Lead			

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Ice breakers:

Getting to Know Your Mentor

It is quite awkward spending the day with someone you do not know so here are a few questions that will help you break the ice with your mentor and get to know them a little bit better.

- The zombie apocalypse is coming, who are 3 people you want on your team?
- What's the most embarrassing fashion trend you used to rock?
- If you had to delete all but 3 apps from your smartphone, which ones would you keep?
- What sport would you compete in if you were in the Olympics?
- Teleportation or flying? Mind reading or telepathy?
- Are you a traveler or a homebody?
- What is your favorite dessert?
- If you woke up tomorrow and found a million dollars in your pocket, what would you do with it?
- You can have an unlimited supply of one thing for the rest of your life, what is it?
- If you could see one movie again for the first time, what would it be and why?
- If you could bring back any fashion trend what would it be?
- Would you rather meet your travel back in time to meet your ancestors or to the future to meet your descendants?
- Would you rather live without heat and AC or live without social media?
- What was your least favorite food as a child? Do you still hate it or do you love it now?
- What is (or was) your favorite subject to learn about in school? What do/did you like about it?
- What is your favorite thing about going to school/work?

Introducing yourself

Directions: If you are having a hard time introducing yourself or getting a conversation started, here is a four introductions sentences that will help you network. Fill in the blanks with information and go introduce yourself to someone new.

Hi, my name is _____ and I am a/an _____
(Your Name) *(Grade Level)*

grade student at _____.
(Your High School)

At school, I enjoy _____
(2-3 classes, clubs or after school activities that you like)

In my free time, I enjoy _____
(2-3 classes, clubs or after school activities that you like)

In the future, I would like to _____
(A future educational or career goal you have for yourself)

Meet Your Match:

Below are some more activities you and your mentor can fill out together to get know each other and to see what you (the student) can learn from them and what their job includes.

Student Name: _____

Mentor Name: _____

I am in _____ grade at

I work at _____
my job title is: _____

I am good at:

1. _____
2. _____
3. _____

In my job, it is important for me to be good at:

1. _____
2. _____
3. _____

Jobs I am Interested in:

1. _____
2. _____
3. _____

My favorite things about my job are:

1. _____
2. _____
3. _____

Other things I want to learn:

1. _____
2. _____
3. _____

Two cool things about me are:

1. _____
2. _____

Two cool things about me:

1. _____
2. _____

2019 Job Shadow Day

Thank you for your interest in the Santa Clara Valley Water District's 2019 Job Shadow Day! Before filling out the form below, review the job descriptions listed in the Job Shadow Day Welcome Packet for a better understanding of each job. In order to help us best match you to your preferred job area, please select your top four choices for the job shadow day below. Thank you!

* Required

1. Name (first and last) *

2. Email Address *

4. Select your top four choices for the Job Shadow Day below

Please indicate your top four choices below. Note that if you make a mistake and would like to start over, you must refresh the page to reset the form.

	First choice	Second choice	Third choice	Fourth choice
Accounting and Finance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Administration	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Biology/Sciences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communications/Public Relations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Construction Trades	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity and Inclusion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Environmental Services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Facility Management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Geographic Information Systems (GIS)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Geology/Hydrology	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Government Relations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Graphic Art	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Human Resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
IT and Computers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Laboratory	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Land Surveying	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Legal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Office and Administrative Support	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Real Estate	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Training	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water Treatment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other (please specify below)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

5. If you chose "Other" above, write your area of interest below.

6. [Optional] Why are you interested in the specific jobs you chose above?

Proposed event program:

Time	Activity
8:30AM - 8:45 AM	Check in Students/mentors arrive, check-in, gather in HQ Boardroom
8:45AM - 9:15AM	Welcome Activities & Breakfast Welcomes: <ul style="list-style-type: none"> • Welcomes by a Board Director & Youth Commission Chair? & business area Chief (Rick Calendar?) • Watch "Where Your Water Comes From" • Day logistics announcements
9:15AM - 11:30 AM	Job Shadowing Students/mentors depart and do job shadowing activities
(10:30 AM - 11:30 AM)	Optional Activities Optional interactive learning activities hosted by Education Outreach in Boardroom/pre-function lobby (for mentors who need additional activities)
11:30 AM - 12:00 PM	Closing Students/mentors gather in HQ Boardroom <ul style="list-style-type: none"> • Debrief on what students learned, their experiences • Presentation of certificates to students • Students fill out evaluation form; turn in and receive District swag bag
12:00 PM - 1:00 PM	Lunch <ul style="list-style-type: none"> • Students/mentors eat lunch in Boardroom • Interactive game during lunch?
1:00 PM	END Students check out and depart

List of School

High Schools	Address	SCVWD District 1-7
Gunderson	620 Gaundabert Ln, San Jose, CA 95136	4 - Linda LeZotte
Pioneer	1290 Blossom Hill Road, San Jose, CA 95118	4 - Linda LeZotte
Leland	6677 Camden Ave, San Jose, CA 95120	4 - Linda LeZotte
San Jose	275 North 24th St, San Jose, Ca 95116	2 - Barbara Keegan
Independence	1766 Educational Park Drive, San Jose, CA 95133	6 - Tony Estremera
Overfelt	1835 Cunningham Ave, San Jose, CA 95112	6 - Tony Estremera
Oak Grove	285 Blossom Hill Road, San Jose, CA 95123	4 - Linda LeZotte
Del Mar	1224 Del Mar Ave, San Jose, CA 95128	2 - Barbara Keegan
James Lick	57 North White Rd, San Jose, CA 95127	6 - Tony Estremera
Saratoga	20300 Herriman Ave, Saratoga, CA 95070	5 - Nai Hsueh
Cupertino	10100 Finch Ave, Cupertino, CA 95014	5 - Nai Hsueh
Fremont	1279 Sunnyvale Saratoga Rd, Sunnyvale, CA 94087	5 - Nai Hsueh
Los Gatos	20 High School Ct, Los Gatos, CA 95030	7 - Gary Kremen
Piedmont Hills	1377 Piedmont Rd, San Jose, CA 95132	3 - Richard Santos
Milpitas	1285 Escuela Parkway, Milpitas, CA 95035	3 - Richard Santos
Calaveras Hills	1331 E Calaveras Blvd, Milpitas, CA 95035	3 - Richard Santos
Gilroy	750 W 10th St, Gilroy, CA 95020	1 - John Varela
Live Oak	1505 E Main Ave, Morgan Hill, CA 95037	1 - John Varela
Wilcox	3250 Monroe St, Santa Clara, CA 95051	2 - Barbara Keegan
BASIS Independent Silicon Valley	1290 Parkmoor Ave, San Jose, CA 95126	7 - Gary Kremen
Archbishop Mitty	5000 Mitty Way, San Jose, CA 95129	4 - Linda LeZotte
Presentation	2281 Plummer Ave, San Jose, CA 95125	4 - Linda LeZotte
Saint Francis	1885 Miramonte Ave, Mountain View, CA 94040	4 - Linda LeZotte
Santa Clara	3000 Benton St, Santa Clara, CA 95051	2 - Barbara Keegan
Valley Christian	100 Skyway Dr. #130, San Jose, CA 95111	1 - John Varela
Lynbrook	1280 Johnson Ave, San Jose, CA 95129	5 - Nai Hsueh
Prospect	18900 Prospect Rd, Saratoga, CA 95070	5 - Nai Hsueh
Silver Creek	3434 Silver Creek Rd, San Jose, CA 95121	1 - John Varela
The Harker School	500 Saratoga Ave, San Jose, CA 95129	7 - Gary Kremen
Yerba Buena	1855 Lucretia Ave, San Jose, CA 95122	6 - Tony Estremera
Bullis Charter	1210, 102 W Portola Ave, Los Altos, CA 94022	7 - Gary Kremen

Excused Absence

Student's Name:

First _____ Last _____

School: _____ Grade: _____

Parent/Guardian Name(s): _____

Home Phone: _____ Cell Phone: _____

DATE OF ABSENCE: March 19, 2019

Reason for Absence: Santa Clara Valley Water District Job Shadow Day

SCVWD Host's Name: _____

SCVWD HOST'S SIGNATURE

PARENT'S OR GUARDIAN'S SIGNATURE

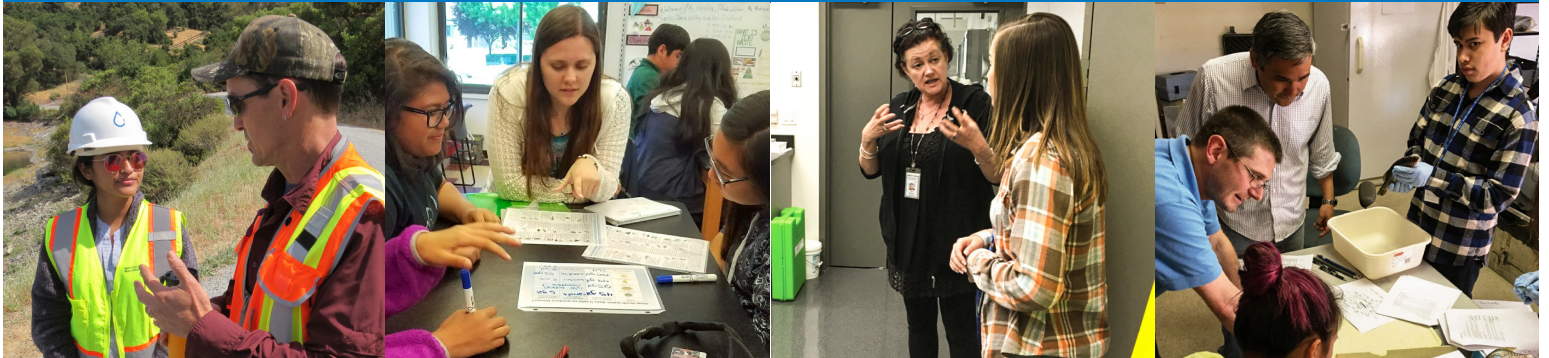
PRESENT THIS NOTE TO YOUR SCHOOL OFFICE ON THE DAY
YOU RETURN.



SPONSORED BY SANTA CLARA VALLEY WATER DISTRICT YOUTH COMMISSION

JOB SHADOW DAY

High school students are invited to discover the wonderful world of water!



Be part of this fun, informative half-day event

- Learn about the variety of job roles at the Santa Clara Valley Water District – from accounting to water treatment.
- Explore the possibility of future careers at the District and in the water industry.
- For a complete job listing, go to www.governmentjobs.com/careers/scvwd/classspecs.

Tuesday, March 19, 2019 • 8:30 a.m. – 1:00 p.m.

Santa Clara Valley Water District 5700 Almaden Expressway, San Jose, CA 95118

Juniors and seniors are invited to participate. Please contact **Atnasia Mengistu** at (408) 630-2368 or amengistu@valleywater.org or **Dolores Grissom** at (408) 630-3024 or dgrissom@valleywater.org by Friday, February 22. Registration is limited. Lunch is provided. Participating students will receive an excused absence form to provide to their schools.

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**Santa Clara Valley
Water District**

Attachment 2
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File No.: 19-0175

Agenda Date: 2/27/2019

Item No.: 5.5.

COMMITTEE AGENDA MEMORANDUM

Santa Clara Valley Water District Youth Commission

SUBJECT:

Outreach for Vacant Youth Commission Seats

RECOMMENDATION:

Receive staff's update on the upcoming outreach efforts to recruit applicants for the current and upcoming vacant seats on the Youth Commission.

SUMMARY:

The Youth Commission is made up of 21 members (three commissioners per board district). Currently, there are two vacancies: one in District 1 and one in District 6. Additionally, there are three seniors who will graduate in June 2019, at which point their seats will become vacant. The graduating commissioners are in Districts 2, 3, and 7.

In order to ensure that the seats are all filled by the beginning of the next school year, staff will begin outreach efforts immediately. Staff will do targeted outreach in specific districts with vacant seats. Outreach methods will include, developing collateral materials, directly contacting school administrators/counselors/advisors, requesting to do presentations at schools, utilizing our existing programs to promote, such as the Education Outreach Program, and using the social media (NextDoor, Instagram, Facebook, and Twitter).

Tentative Outreach Schedule

Develop collateral materials & social media messaging: February - March

Develop list of target schools, community based organizations, community members: February - March

Open application / Conduct ongoing outreach: April - May

Review applications/ Board members make selections: June

Swearing-in of new commissioners: July

ATTACHMENTS:

No attachments.

UNCLASSIFIED MANAGER:

Rick Callender, 408-630-2017

File No.: 19-0117

Agenda Date: 2/27/2019

Item No.: 5.6.

COMMITTEE AGENDA MEMORANDUM

Santa Clara Valley Water District Youth Commission

SUBJECT:

Review Santa Clara Valley Water District Youth Commission Work Plan, and Propose the Commission's Next Meeting Agenda.

RECOMMENDATION:

Review the Commission's work plan to guide the Commission's discussions and schedule the next meeting and agenda.

SUMMARY:

The Commission was formed to assist the board with public policy, education, outreach, and all matters impacting Santa Clara County youth related to the water district. The purpose of the Commission is to foster greater involvement of youth in local government and 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.

ATTACHMENTS:

Attachment 1: 2019 SCVWD Youth Comm Work Plan

UNCLASSIFIED MANAGER:

Michele King, 408-630-2711

2019 Work Plan: Santa Clara Valley Water District Youth Commission

Update: February 2019

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

ITEM	WORK PLAN ITEM	MEETING	ACCOMPLISHMENT DATE AND OUTCOME
1	Update Synopsys Science Fair Sponsorship	2-27-19	
2	Update Adopt-A-Bench	2-27-19	
3	Youth Citizen Science Network Presentation	2-27-19	
4	Outreach for Vacant Youth Commission Seats	2-27-19	
5	Working Groups Update	2-27-19 5-22-19 8-28-19 11-20-19	
6	Review Work Plan, the Outcomes of Board Action of Committee Requests and the Committee's Next Meeting Agenda	2-27-19 5-22-19 8-28-19 11-20-19	
7	Discussion of Creation of possible website and social media Platforms,	5-22-19	

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors

Attachment 1
Page 1 of 2

ITEM	WORK PLAN ITEM	MEETING	ACCOMPLISHMENT DATE AND OUTCOME
8	Discussion Policy Proposal for Low Flow Fixtures in California	5-22-19	

Yellow = Update Since Last Meeting

Blue = Action taken by the Board of Directors