



CivicSpark Fellow Presentation

July 15, 2021

Increasing Capacity

Equity Perception

Staff Capacity

Community Liaisons

Expand knowledge of Equity

- -Vulnerable & Front-line Communities
- -Equity in local government

COVID changes - remote work

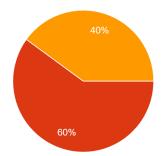
- -Relationships in the virtual environment
- -Support from youth-led initiatives

Developing Conversations

- -CAP outreach consultant
- -Public and targeted workshops

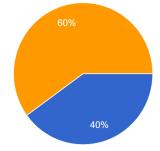
USDN Equity Trainings

Which of our USDN activities stood out to you the most? 5 responses



USDN training videosBrainstorming activitiesSmall-paired 1-1 sharing

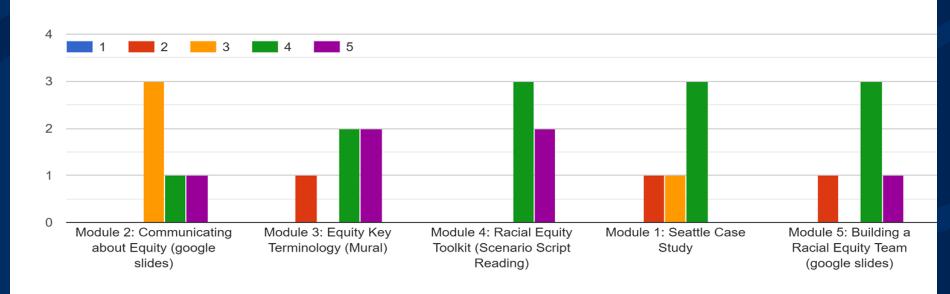
Which format of the trainings worked best for you? 5 responses



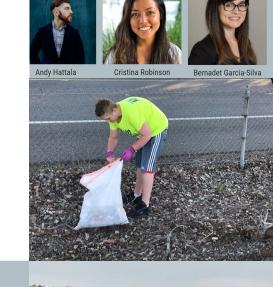
Google SlidesMentimenterMural

USDN Equity Trainings

One a scale of 1-5 please rate each Module, (5 being best, 1 being worst)











ability to volunteer in person together, this clean-up solution will allow ghout April! Get started by taking the pledge today

d a <u>Let's Talk Trash</u> webinar on April 1, 2021. The webinar serves as a urlsdictions.

About Us

park fellow-led virtual clean-up initiative in partnership with the City and Climate Reality Project Los Angeles.









04 PLAY VIDEO- Birding Basics – Find your Birds Caroline Knight | Santa Clara Audubon Society (22 minutes)

- (Addy) I have a new appreciation for Birding it looks like a really rewarding activity. I
 am not a very patient person, but I feel like Birding is something that I would find
 interesting!
- (Kunal) Now I know that when we are birding, we should be considerate of our environment to ensure that the habitats we visit are undisturbed.
- ¡Addy: Being able to identify birds on sound alone is pretty impressive. Birding really takes "paying attention to the details" to a whole new level.
- (Lourdes) I wonder what the most common bird is in Cupertino!
- (Radhika) will never think about birds in the same way! Now let's hear from Brendan.

(Brendan) Hi, my name is Brendan, I am a member of Cupertino's Sustainability Team. We'd like to thank all our viewers for attending the speaker series so far! We appreciate you taking time out of your weekend to celebrate Earth Day with us. The city of Cupertino gives a big thank you to all students from SVYCA and YEPI (pronounced YEP-E) for leading us through these videos. Stay tuned for some more great content coming right up!



Take sustainable actions



Work together

Browse a list of actions that will help reduce your impact, then add them to your dashboard. We'll help with next steps, costs, and questions.

Create a team of households so you can collaborate together. Discuss actions with the whole community. And compete with other communities too!



Create your profile

It's easy to get started. Create your household profile and

enter some information on your current activities so we can

track your success!

250
HOUSEHOLDS BY DECEMBER 2021
PARTICIPATION GOAL



100 TONS OF CO₂ BY DECEMBER 2021 REDUCTION GOAL TOP COMMUNITY GROUP

Cupertino Rotary

TOP TEAM

Green Team

Next Steps

 Expansion of equity trainings with existing staff programs or networks

Career Development: working remotely & virtual engagement

- Future CivicSpark Fellow Presentations
 - o Addressing CA's Housing Crisis: July 19 @ 1:00 PM
 - Planning in the Age of COVID: July 21 @ 1:00 PM
 - https://civicspark.lgc.org/2020-21-graduation-activities/

Drought Status and Water Conservation Measures

Report on Drought Status & City's Water Conservation Measures

July 15, 2021



Drought Status

- April 21 Governor Newsom
 Drought Proclamation Mendocino,
 Sonoma Counties
- May 10 Governor expanded Drought Proclamation to 41 Counties, including Alameda County. Santa Clara County not included.
- May 25 U.S. Drought Monitor: Santa Clara County in Extreme Drought
- June 9 Water use restrictions by Santa Clara Valley Water District
- July 8 Governor issued Executive Order N-10-21

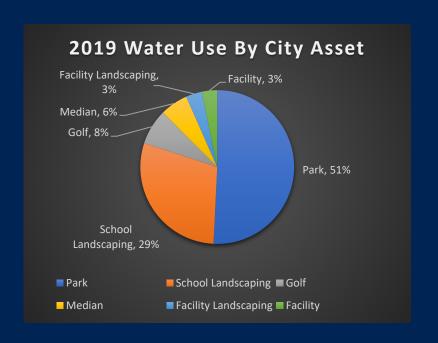
U.S. Drought Monitor California



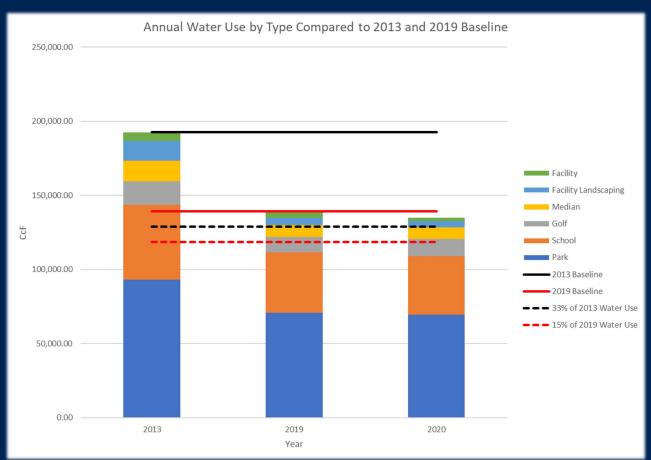
2021 Drought Impacts to Santa Clara Valley Water District (Valley Water)

- Low local water supplies
- Low imported water allocations
- Anderson Reservoir
- Coyote Reservoir
- Groundwater
- Special Meeting on June 9, 2021
 - Imposed 15% of 2019 Water Use (33% of 2013 Water Use)

Cupertino – Municipal Water Use



Cupertino – Municipal Water Use Long Term Trend and Goals



Previous Water Conservation Efforts for City's Operations

- Amended City Ordinance 15.32 Water Conservation
- Developed Water Conservation Policy for City Operations
- Replaced with water efficient fixtures
- Reduced water use at parks and ballfields
- Partnered with Valley Water and water retailers to offer rebates (Graywater - Laundry to Landscape, Landscape Conversion and Rainwater Capture)
- Achieved 31% below 2013 consumption baseline during 2015 drought event

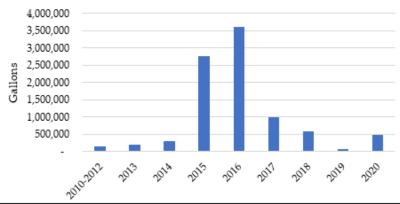
City's Proposed Water Conservation Efforts for Current Drought

- Communicate to community about the importance of water conservation
 - www.cupertino.org/drought
- Reduce water use at parks and ballfields
- Partner with Valley Water and water retailers to offer rebates (Graywater - Laundry to Landscape, Landscape Conversion and Rainwater Capture)

Water Conservation Policy for City Operations

Stage #	Condition	Action
1	No drought conservation measures required	None
2	Reduction < 10%	Reduce water programming of all outside irrigation by a minimum of the conservation amount
3	10% < Reduction < 20%	 Reduce water programming of all outside irrigation by a minimum of the conservation amount No filling of pond at Memorial Park Reduce operational hours of interactive fountain at Community Hall from 10am-8pm to Noon-6pm Water used to clean asphalt areas/sidewalks/plaza areas to be minimized and follow stormwater requirements
4	20% < Reduction < 40%	 Reduce water programming of all outside irrigation for trees/shrubs by a minimum of the conservation amount Large and/or desirable species to have priority over less desirable species No watering of turf used passively Limited watering (consistent with 2 days/week watering or similar) of turf areas used intermittingly by City permitted events A minimum of 20% reduced watering of turf areas programmed by City or school recreation events Each facility will be managed in accordance with the area defined in Attachment A. No filling of ponds at Memorial Park No operation of the interactive fountain at Community Hall No water used to clean asphalt areas/sidewalks/plaza areas Water used for street sweeping to be minimized while complying with Santa Clara Valley Air Board requirements
5	Reduction > 40%	 Reduce water programming of all outside irrigation for trees/shrubs by a minimum of the conservation amount Large and/or desirable species to have priority over less desirable species No watering of turf unless required to maintain safe conditions No filling of ponds at Memorial Park No operation of the interactive fountain at Community Hall No water used to clean asphalt areas/streets/sidewalks/plaza areas Water used for street sweeping to be minimized while complying with Santa Clara Valley Air Board requirements

Estimated Annual Water Savings from Landscape Rebate Program in Cupertino



Cupertino Participation in SCVWD Landscape Rebate Program					
Year	# Rebates	Sq. Feet Converted	Est. Annual Savings (gallons)*		
2010-2012	5	7,196	143,920		
2013	8	9,933	198,660		
2014	16	15,585	311,700		
2015	106	138,121	2,762,420		
2016	114	180,400	3,608,000		
2017	37	49,525	990,500		
2018	27	28,834	576,680		
2019	6	3,800	76,000		
2020	20	24,075	481,500		

^{*}Based on an estimate of 20 gallons per square foot of lawn conversion

Program Highlights: Climate Victory Gardens



Water Retailers Actions

- June 14, 2021, California Water Service Company filed Rule 14.1 with California Public Utilities Commission (CPUC)
 - Effective July 14, 2021
 - Implementing Stage 1 of their Water Shortage Contingency Plan
- June 18, 2021, San Jose Water Company filed Advice Letter 563 and 564 with CPUC to activate Rule 14.1
 - Stage 3 of their Water Shortage Contingency Plan

California Water Service Drought Response

Residential Water-Efficiency Programs

- Rebates
 - www.calwater.com/rebate
 - High-efficiency toilets
 - High-efficiency clothes washers
 - Smart irrigation controllers
 - High-efficiency sprinkler nozzles
- Conservation Kits
 - www.calwater.com/kit
- Smart Landscape Tune-Up Program
- Turf Replacement Rebate (July Launch)
- Drip-line Conversion Rebate (July Launch)





Quality. Service. Value.

San Jose Water Drought Response

- Current restrictions focus on outdoor water use (typically 50% of residential consumption)
- No penalties (surcharges) at this time
- SJW has actively promoted water conservation since the early 1990s and continues to encourage our customers to conserve and use water wisely at all times



Next Steps

- Continue to coordinate with San Jose Water Company and Cal Water Services
- Determine new drought restrictions on City's Operations
- Outreach to community

Youth Engagement Activities

Sustainability Commission



Youth Engagement

- Hosted two interns this year
- Key activities
 - Single-use plastics research
 - Ambassadors for Earth Day
 - Cupertino Climate Challenge
- Grant and essay contest
- Please provide your feedback



Single-use plastics field research

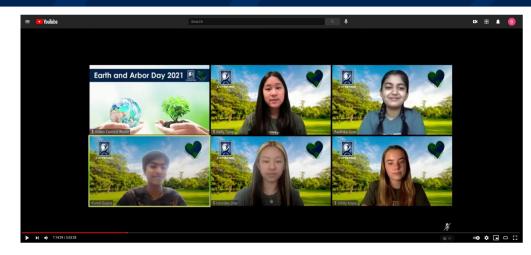




- Went to grocery stores for visual observations
- Bags: Smaller grocery stores may have been using noncompliant single-use grocery bags, but all appeared to be charging for the bags.
- Foodware for sale: Most stores still selling expanded foam foodware along with fiber, bioplastic, paper, plastic.
- This information is useful for pre-planning ordinance

Earth Day

- Contacted 5 local organizations
- Recruited youth hosts from YEPI and SVYCA





CupertinoClimateChallenge.org

 Youth Environmental Power Initiative launched challenge July 1-Oct 30 (Pictured right)

SVYCA starting in fall





Sustainability Grants for Students Program

- Two recipients submitted invoices
- Vegetable box project at Montclaire Elementary (\$165)
- Bring a Fork to School Project at Lawson Middle School (\$300)

Feedback on future of the program

- Coordination with the Teen Commission
- Essay contest
- Local grants
- Other ideas, themes, or action areas you'd like us to explore?