



**Orange County Sustainability & Resilience Committee  
Water Use & Quality Sub-Committee  
MEETING MINUTES**

**WebEx Virtual Meeting  
Monday August 10, 2020  
9:30 a.m. – 11:30 a.m.**

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**SUB-COMMITTEE MEMBERS PRESENT:**

Susy Torriente  
Leila Jammal  
Bill Bradford  
Madeline Almodovar  
Byron Knibbs  
Kenneth Peach  
Rachel Allen

**Additional Board Members**

Kris Stenger  
Chris Castro  
Resham Shirsat  
Beate Wright

**STAFF ATTENDANCE:**

Jeff Benavides  
Lori Forsman  
Alexis Clark  
Jennifer Cummings  
Marc Cannata  
Jane Gregory

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**SUB-COMMITTEE MEMBERS ABSENT:**

**Digital Archive complete with presentation materials, handouts, and meeting audio/visual recording are posted at this website: <https://ocfl.app.box.com/folder/118865147784>**

**Call to Order**

At 9:35 AM Jeff Benavides called the meeting to order.

**Public Comment**

Byron Knibbs, No Public Comment

**Introduction/Meeting Expectations**

Jeff Benavides reviewed the agenda and overall intent of the meeting.

**Community Activity & Discussion**

Jeff Benavides and all Committee Members were asked to review the 5 focus areas from the Our Home For Life Plan and 2 Members were asked to provide feedback on the presented hand out. SEE LINK ABOVE. The group worked through the community activity to strategically align and update several of the related strategies in the Our Home For Life Sustainability Plan.

**EDUCATION**

Susy - Education on pollution prevention. Outreach, for people to understand where the water comes from and how to use it – messaging is key to knowledge with one consistent message

Beate - Course development. Resource development attracting technologies, inventions, bring technologies in for development pilot and refinement. This can be an economic development tool. – attract kids by making water and wastewater exciting using IT and technologies – let’s merge the missions of some of the technologies and skills to solve environmental issues

Citizen scientists – professional development of students – more education in the middle schools especially for women and girls in STEM professions

**CIVIC ENGAGEMENT**

Beate - Identify opportunities to address water equity and diversity - leverage green infrastructure use for engagement.

Alexis - New communities and developer engagement. early to the process. the civic engagement needs to include developers to ensure that as we grow – we need to change the practices of developers to better support water conservation – landscaping – engage them to appreciate what they build and how it supports water

Resham - utilize volunteers and offer civic engagement hours to younger students per-college to help with program outreach

Rachel: PSAs are powerful, Bus campaigns etc. We should work with high schools and middle schools to create contests to help engage the youth and all ages. Potential for celebrity involvement.

**LOCAL FOOD**

Kris - Food waste coordination in relation to water supply/treatment to look for opportunities to expand Anaerobic digestion.

Beatte - Building trusted relationships with agriculture sector to focus on nutrient discharge and water use expectations.

Jane - Agriculture aquifer replenishment. Incentives for farm land owners to re purpose land that would benefit our water supply.

**COMMUNITY RESILIENCE**

Susy: Resilience Hubs - community based hubs. day to day and in cases of emergencies. hyper local coordinated community.

Bill Bradford: Wastewater lift stations fail, assessing vulnerabilities. - Utility power provider coordination.

Byron: Hydration stations expansion.

**Community Wide Goal Refresh**

Jeff Benavides presented a summary of goals and strategies in the Mayor Demings Transition Team Report and the Our Home For Life Sustainability Plan that were previously developed.

**Reviewed Meeting Schedule and Next Steps**

**Meeting adjourned 11:47 am – Jeff Benavides**

**Committee Chair: Sustainability & Resilience Committee**

**Date:**

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**Prepared by Jeff Benavides**

## VIRTUAL CHAT NOTES:

from Jacques Werleigh to everyone: 9:42 AM

as it relates to EPCOT...I think highlighting solutions for the Future. Example, the wetland parks out in Christmas. Highlighting innovative urban stormwater features that keeps protects our communities and natural resources

from Jeff Benavides to everyone: 9:45 AM

Feel free to drop in the chat!

from Madeline Almodovar to everyone: 9:49 AM

In terms of public health, sensors that allow for online testing and rapid response

from Madeline Almodovar to everyone: 9:53 AM

I wanted to add also that we need to look at what happens with the water once it's above the water table (even as water varpo), within the water, and under the wter.

from Madeline Almodovar to everyone: 9:53 AM

\*vapor\*

from Jane Gregory to all panelists: 9:55 AM

MIT article on turning desalination brine into useful chemicals such as sodium hydroxide:

<http://news.mit.edu/2019/brine-desalination-waste-sodium-hydroxide-0213>

from Marc Cannata to everyone: 9:55 AM

Environmentally conscientious use of water through leveraging technology while preserving resources for future generations!

from James Ward (privately): 9:57 AM

Instead of pushing [captured / managed / stored] storm water . . . to the remote corner of the project (within a square chainlinked pond) - planners seek to INTEGRATE that surface storm water within the site plan of the Project. Make surface storm water a project beautifying amenity. think Baldwin Park's beautiful center storm drainage spine / park.

from Madeline Almodovar to everyone: 9:57 AM

I like the idea of an ongoing conversation about water with the community

from Madeline Almodovar to everyone: 10:01 AM

I have to jump off the call, but I wanted to give quick input on this, I would craft short and detailed messages, calls for action,, instead of bid documents and guides so it's easy to follow and graps ideas

from Madeline Almodovar to everyone: 10:02 AM

\*big documents\*

from Aimee Krivan to everyone: 10:04 AM

Cumulative impacts from human activities can weaken a lake, river or streams "immune system"

from Denise Cochran to all panelists: 10:04 AM

With the education community: Volunteering for water quality for school community service credit – expand current volunteer efforts on cleaning around water bodies, labeling storm drains, disseminating content on social media, etc.

from Chris Castro to host (privately): 10:06 AM

Just joined. Please add me to panelist.

from Nicole Kennedy - City of Apopka to everyone: 10:08 AM

Wekiva High School in Apopka has an AgriScience Academy. In 2017, students were awarded by the County for their Aquaponics STEM Learning Project.

from Jane Gregory to everyone: 10:08 AM

Our residents need to be charged with becoming partners with local government as inhabitants of the ecosystem.

from Chris Castro to all panelists: 10:08 AM

JEff, Please add me to panelist when you can.

from Chris Castro to all panelists: 10:11 AM

65% of water use in Orlando is irrigation of our lawns...the best way to reduce water use is to change our landscaping standards to focus on Florida-friendly landscaping and natives.

from Rachel Allen to everyone: 10:11 AM

That's a great idea to have a newcomer welcome event! It could be on an app and in social media. This is a great idea. It helps people feel they are a part of something happeming that is meaningful and makes our home a great place to live.

from Rachel Allen to everyone: 10:12 AM

Our high school stundets have this requirement.

from Chris Castro to all panelists: 10:13 AM

Smart irrigation is important for food production...Need to minimize wasteful irrigation.

from Alexis Clark to host (privately): 10:14 AM

agree, chris. good points

from Chris Castro to all panelists: 10:14 AM

Encouraging hydroponic food production, which has substantial reduction of overall water use.

from Resham Shirsat to everyone: 10:17 AM

incentivize the agriculture industry to use the most water efficient strategies and technologies when growing food

from Chris Castro to all panelists: 10:20 AM

>>>> <http://resilience-hub.org>

from Denise Cochran to all panelists: 10:21 AM

Water infrastructure question: Are there any feasible alternative sources of power to wastewater lift stations that fail when power goes out?

from Chris Castro to all panelists: 10:30 AM

>>>> <https://newscenter.lbl.gov/2019/09/23/new-100m-innovation-hub-to-accelerate-rd-for-a-secure-water-future/#:~:text=The%20National%20Alliance%20for%20Water,issues%20in%20the%20United%20States.>

from Resham Shirsat to everyone: 10:43 AM

set a date to "require" LID for new development by 2025 for example

from Matt Blowers to host (privately): 10:47 AM

am I the only one struggling to hear Chris?

from Jeff Benavides to Chris Castro (privately): 10:48 AM

Check your audio. it's very bad.

from susy to all panelists: 10:54 AM

Need to drop off and get ready for my next call. Thanks for the opportunity to participate

from James Ward (privately): 10:55 AM

right now . . . we require a minimum % of each project's plant pallet - must be chosen from the established list of florida friendly plant material.

from Byron Knibbs (privately): 11:15 AM

Great meeting Jeff.

from Denise Cochran to host & presenter: 11:15 AM

Be sure to keep Communications looped in so they can be thinking about messaging and tell them to watch the upcoming BCC presentation. Lori and I can reinforce this in our biweekly calls. Would be good if you are invited to a Communications call in October. They invite a guest for every call.

DRAFT