

C/CAG

CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

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Meeting Agenda

Resource Management and Climate Protection Committee (RMCP)

Date: Wednesday, July 21, 2021

Time: 3:00 p.m.

Location: Remote meeting via Zoom link below

On March 17, 2020, the Governor issued Executive Order N-29-20 suspending certain provisions of the Ralph M. Brown Act in order to allow for local legislative bodies to conduct their meetings telephonically or by other electronic means. On June 11, 2021, the Governor issued Executive Order N-08-21 extending the suspension of these provisions to September 30, 2021. Thus, pursuant to Executive Order N-08-21, C/CAG Board meetings will be conducted via remote conferencing. Members of the public may observe or participate in the meeting remotely via one of the options below.

Join Zoom Meeting

<https://us02web.zoom.us/j/81592976513?pwd=cExkVkl6d3N4ZzIjVTJkZjZlZz09>

Meeting ID: 815 9297 6513

Passcode: 510953

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Persons who wish to address the RMCP Committee on an item to be considered at this meeting, or on items not on this agenda, are asked to submit comments in writing to kspringer@smcgov.org by 5:00 PM on Tuesday, July 20, 2021, per the guidelines below.

Emailed public comments should have a subject line of: "RMCP Meeting Comment" and note the specific agenda item on which you are commenting, note that your comment concerns an item that is *not* on the agenda, or note that it is *specific to* an agenda item. Members of the public are limited to one comment per agenda item. The length of the emailed comment should be commensurate with the two minutes customarily allowed for verbal comments, which is approximately 250-300 words. Staff will read the public comments addressing matters on this agenda received before the deadline of 5:00 PM on July 20, 2021 at the time the matter is called. Staff will read the public comments addressing items *not* on this agenda received before the deadline of 5:00 PM on July 20, 2021 during agenda item 2 "Public comments." Comments received after the deadline but before the end of the meeting will be provided to the RMCP Committee after the meeting.

1. Roll Call - Introductions
2. Public Comment
3. Approval of Minutes from April 21, 2021 RMCP Committee meeting.
(Kim Springer – Committee Staff) Action
4. Election of RMCP Committee Vice Chair
(Kim Springer – Committee Staff) Action
5. PG&E update on efforts to reduce wildfire risk and Public Safety Power Shutoffs.
(Bill Chiang, PG&E, Committee Member) Information/Discussion
6. Bay Area Water Supply and Conservation Agency update on Water Supply Reliability Roundtable and drought in San Mateo County.
(Tom Francis, BAWSCA, Committee Member)
Information/Discussion
7. Presentation on onsite use of non-potable water in residential and commercial settings, and state efforts to establish regulations for various non-potable end uses.
(Greg Smith, County Environmental Health)
Information/Discussion
8. Committee Member Updates
9. Next Scheduled Meeting Date: August 18, 2021

PUBLIC NOTICING: Due to the impact of the Coronavirus (COVID–19), all notices of C/CAG regular Board meetings, standing committee meetings, and special meetings will be posted at C/CAG’s website at: <http://www.ccag.ca.gov>.

All notices of C/CAG regular Board meetings, standing committee meetings, and special meetings will be posted at the San Mateo County Transit District Office, 1250 San Carlos Ave., San Carlos, CA, and on C/CAG’s website at: <http://www.ccag.ca.gov>.

PUBLIC RECORDS: Public records that relate to any item on the open session agenda for a regular Board meeting, standing committee meeting, or special meeting are available for public inspection. Those public records that are distributed less than 72 hours prior to a regular Board meeting are available for public inspection at the same time they are distributed to all members, or a majority of the members, of the Board. The Board has designated the City/County Association of Governments of San Mateo County (C/CAG), located at 555 County Center, 5th Floor, Redwood City, CA 94063, for the purpose of making public records available for inspection. Such public records are also available on C/CAG’s website at: <http://www.ccag.ca.gov>.

PUBLIC PARTICIPATION: Public comment is limited to two minutes per speaker. Persons with disabilities who require auxiliary aids or services in attending and participating in this meeting should contact Mima Guilles at (650) 599-1406, five working days prior to the meeting date.

If you have any questions about this agenda, please contact C/CAG staff:

Executive Director: Sandy Wong slwong@smcgov.org

RMCP Committee Staff: Kim Springer kspringer@smcgov.org

C/CAG

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Meeting Minutes

Resource Management and Climate Protection Committee (RMCP)

Date: Wednesday, April 21, 2021

1. Roll Call – Introductions

Staff completed the roll call of Committee Members (*) with the following quorum:

Committee Members in Attendance:

Maryann Moise Derwin - Portola Valley*
Diane Papan – San Mateo*
Tom Francis – BAWSCA*
Donna Colson – Burlingame*
Christine Kohl-Zaugg – Sustainable San Mateo County*
Jeff Smith – Sares Regis Group*
Doug Silverstein – Thrive Alliance*
Deborah Ruddock – Half Moon Bay*
Rick DeGolia, Atherton*

Not in Attendance

Don Horsley - San Mateo County Supervisor*
Drew Combs - Menlo Park*
Bill Chiang - PG&E*
Ortensia Lopez - El Concilio*

Additional Attendees

Janet Borgens – former RWC Councilmember
Nicole Sandkulla - BAWSCA
Nico Bouwkamp – CAFCP
Keith Malone – CAFCP
Sandy Wong – C/CAG
Kim Springer – C/CAG
Kim Wever – C/CAG
Matt Fabry – C/CAG
Charles Ice – County Environmental Health
Carol Steinfeld – Sierra Club, Loma Prieta Chapter
Robert Cormia – Foothill College
Susan Wright – Office of Sustainability
John Allan – Office of Sustainability
Alexandria Gallizioli – Office of Sustainability
Drew

2. Public Comment

There was no Public Comment at the meeting nor email to staff prior to the meeting.

3. Approval of Minutes from March 21, 2021 RMCP Committee meeting.

Minutes were approved as written:

Motion: Ruddock

Second: Colson

Vote unanimous among Committee members in attendance.

4. Update on water supply availability estimates and request for voluntary rationing.

Tom Francis, Committee member and Water Resource Manager with Bay Area Water Supply and Conservation Agency (BAWSCA) provided a presentation on water supply estimates and potential rationing.

The State provides a drought map update weekly. To find it you can simply google California drought map. Most all of the State is in drought, ranging from abnormally dry to extreme or exceptional drought. For supply to the Hetch Hetchy, the system is at about one half of “normal” rainfall (refer to presentation posted on C/CAG RMCP website). Snowpack storage is also low and is dropping already from warmer weather. All the maps and numbers indicate 2020-21 is a dry water year.

Francis shared the content of the SFPUC letter to BAWSCA and other agencies. Because it has been a dry year the SFPUC is considering its system to be in the second year of a drought and is asking for a voluntary water use reduction goal. BAWSCA is planning to implement advertising and social media to share the voluntary water use reduction goals. Governor Gavin Newsom will probably be looking at the overall state of drought conditions in California and made to decide to ask for greater water use reductions.

Francis is available by email should any committee members or other members of the public have questions.

Steinfeld: expressed her interest in there being some form of water committee in San Mateo County.

5. Presentation on the basics of One Water, existing projects, and staff thoughts on further integration in San Mateo County.

Kim Springer provided a presentation on the basics of One Water for the committee. Springer covered the basics of One Water existing efforts in the county and region, background on discussions with BAWSCA, and leaving time for committee discussion at the end of the presentation.

Discussions with BAWSCA have included that there are a few projects in development in San Mateo County that will increase recycled water as an alternative source, that drought, especially with the current Bay Delta Plan could mean significant additional conservation requirements, and that additional coordination at the technical staff level across agencies would be worthwhile. The committee then moved to discussion.

Tom Francis added bet BAWSCA is aware of other water reuse projects namely potable reuse in the northern part of the County, including the regional groundwater recovery and storage project. Francis also shared that BAWSCA feels that there is a good technical connection between staff of BAWSCA and C/CAG.

Carol Steinfeld shared that she thinks it's important for San Mateo County to explore supply diversification, and that it's important to explore bringing agencies together to look at coordination and funding opportunities.

Donna Colson asked about how the policy's and the numbers come together considering the fact of the pressure on development of housing including SP 9 which would allow properties to be split to increase density. Where would that water supply come from?

Francis responded that BAWSCA has heard similar concerns from their member agencies, and that BAWSCA will be engaged in planned Bay Area 2050 because clearly there are supply limitations.

Nicole Sandkulla added that the current legislation of the Bay Delta Plan could have significant supply challenges associated with it for San Mateo County in multiple drought years, potentially requiring up to 50% reductions.

At the Chair's request, Springer suggested that discussions from a forum led by BAWSCA that met quarterly could be reported back to the RMCP committee, and that staff could invite BAWSCA back to share their concerns about the Bay Delta Plan at a following meeting.

Steinfeld responded that some say the Bay Delta Plan would allow for seven years of water supply versus the three years that's been mentioned, but in either case it's important to explore new supply opportunities now.

In response to a question from the Chair regarding the makeup of the forum, Francis responded that it would have technical staff from around the County, environmental groups, the business community, and advocacy participants and that perhaps annually there could be a public outreach event, but that the group would meet quarterly. BAWSCA is still working with Carol Steinfeld to address her vision of the effort.

Diane Papan expressed that there is a real need to use the forum to address cyclical drought cycles, alternative water sources, and capacity for housing.

Francis and Sandkulla responded that bringing together agencies and stakeholders to project concepts creates an opportunity to expand alternative supply opportunities and collaboration and even funding sources.

Jeff Smith shared that, from a developer's perspective, there could be a lot of interest to explore these kinds of projects since a lot of private money is already being spent on the infrastructure. Smith shared that he would love to be at the table and that higher density housing has benefits related to lower water usage than urban build out.

6. Presentation on development of State and regional Hydrogen infrastructure, and opportunities for use in heavy-duty vehicle applications.

Kim Springer introduced Niko Bouwkamp from Frontier Energy and Keith Malone from the California Fuel Cell Partnership. Bouwkamp presented that the California Fuel Cell Partnership is made up of private and public entities infrastructure providers in both the light-duty and heavy-duty sectors.

Bouwkamp mentioned Governor Newsom's executive orders for zero-emission vehicle sales after 2035, and SB 8 goals for deployment of zero emission electric vehicles. Referring to the PowerPoint presented (posted on the C/CAG RMCP website), there are about 50 fuel cell transit buses in operation in California, with about half of those operating in the San Francisco Bay Area. The presentation also

included the number of hydrogen fueling stations and locations in California.

Diane Papan: There are very few stations it appears and what is the cost of a hydrogen fueling station and who is installing them?

Bouwkamp: It's a combination of conventional industries That supply hydrogen gas and station operators such as first fuel who are good at building fueling infrastructure sites. In addition, there are a growing number of other stakeholders who have been focused on electric vehicles or are looking at it from a standpoint of business interest who are also getting involved.

Springer: How many gas stations are there in California?

Bouwkamp: There are about 8,000 across California so the California goal would be about one in eight fueling stations for hydrogen.

Keith Malone: About 20% of the stations provide 50% of the gasoline fuel in California.

In the future we will see not only more light-duty passenger vehicles but also medium-duty delivery vans. Both Ford and Fiat Chrysler are working on hydrogen fuel cell vans. There are also motorcycle hydrogen fuel cell developments and even a bicycle design for greater range using hydrogen electric. In addition, in auto racing, Michael Andretti has switched to hydrogen and he owns several gasoline stations in California as well.

Rick Degolia: Where does the hydrogen come from? (to be responded to later in the presentation)

In terms of adoption rate, hydrogen fuel cell vehicles are ramping up at the same rate as electric vehicles did, only they are approximately seven years behind. The cost per station for installation and equipment has come down over the last five to six years to almost half the cost, and it is expected to continue to decrease. The state estimates that the need for additional funding two hydrogen fuel cell industry developers will sunset in approximately 2030 at which point the industry and profitability will stand on its own. Both Hydrogen and electricity as a fuel source, needs to scale up both in the California and across the country. There are also advanced clean fuel and advanced clean fleet rules that will be enforced on manufacturers and fleet operators, respectively, starting in 2024.

In terms of heavier duty vehicles, transit agencies are evaluating their choices between electric buses and hydrogen fuel cell buses. Several transit agencies have placed orders four hydrogen fuel cell buses, which may be better applied to routed that require longer range or more steep terrains.

At this time hydrogen fuel mostly comes from reclamation of natural gas but has always needed to be at least 33% renewable in total supply in California. Since 2019, the mix of renewable hydrogen from stations in California has exceeded 40%. The hydrogen industry is aiming for 100% renewable by 2030.

DeGolia: Can you explain how the hydrogen is derived from natural gas and where the renewable hydrogen is coming from?

Bouwkamp: The non-renewable hydrogen is coming from steam reformation of natural gas and from electrolysis which is splitting hydrogen and oxygen from water using electricity, and the renewable natural gas is mostly coming from dairy farms.

Christin Zaugg: Can you explain the sources of hydrogen and the environmental impacts?

Bouwkamp: It depends where the source of hydrogen is coming from and whether it is renewable hydrogen or non-renewable hydrogen. In some cases, renewable hydrogen is coming from landfill gas, in which case it is prevented from entering the atmosphere which is a positive environmental impact. In other cases, the renewable hydrogen is coming from electrolysis from electricity that is produced from non-renewable sources, in which case it has a negative environmental impact. However, overall, the suppliers of hydrogen for vehicle fuels are far surpassing the renewable requirements in the state of California.

7. Presentation on RICAPS countywide greenhouse gas emissions inventories, data sources and challenges.

John Allen, Resource Conservation Specialist from the County Office of Sustainability provided a presentation on RICAPS community-scale greenhouse gas emission inventories, the data needed, and the sources. The presentation focused on community-scale emission inventories as opposed to government operations inventories, which follows an adopted protocol for completing inventories. Over time, the RICAPS process strives to maintain consistency of inventory methods so that results can be compared.

The RICAPS program provides emission inventories to all the local governments in San Mateo County, With a baseline inventory for 2005 and then annual inventories from 2010 through 2017. The program is currently working on emission inventories for 2018 and 2019.

To help demonstrate the complexity, Allan shared the spreadsheet used to collect the data and calculate the emission inventory. There are 40 different data sources that go into the emission inventories. Allan shared various emissions sources that are evaluated and the multiple local and regional agencies whose data is necessary in order to complete the emission inventories.

There are a few concerns that need to be addressed for each year of emission inventories. They include updating of models by regional or state agencies, timing of availability of data, and especially availability of data to complete the emission inventories. In order to ensure consistency when methodologies change, it's important to look back to prior years and decide whether the new inventory is consistent enough with past inventories to show a trend.

The biggest challenge in terms of data availability has been energy data from PG and E and the CPUC, because of privacy rules called the 15/15 rule. The rule was put in place by the CPUC to protect individual customer usage. To comply with the rule, the data set must have at least 15 customers. And no single customer can account for more than 15% of the usage in the data set. This is further complicated by the fact that energy is being supplied by both PCE and PG&E because both entities are screening for the 15/15 rule. Allan shared a summary slide demonstrating the issue. No local government in San Mateo County has a complete data set for 2018 and 2019. The County and C/CAG are working together to come up with a solution to this issue. Options could include creating a proceeding with the CPUC or working through the legislature to get an exemption to the privacy rule for local governments.

8. Committee Member Updates

Christine Zaugg reminded the Committee of the SSMC Sustainability Awards and auction.

9. Next Scheduled Meeting Date: May 19, 2021

C/CAG AGENDA REPORT

Date: July 21, 2021
To: Resource Management and Climate Protection Committee
From: Kim Springer, C/CAG RMCP Committee Staff
Subject: Election of RMCP Committee Vice Chair

(For further information contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

Participate in election of a new RMCP Committee Vice Chair.

FISCAL IMPACT

None.

BACKGROUND/DISCUSSION

One seat on the RMCP Committee was recently filled, based on a recruitment letter that was issued by C/CAG on June 4, 2021. The open seat was for Nonprofit, which was vacated by Doug Silverstein, formerly of Thrive Alliance of Nonprofits. Doug notified staff that he would be leaving in May. Doug was the Vice Chair of the Committee.

The C/CAG Board appointed Alex Fernandez, Chief Operating Officer at Filoli Center to fill the Nonprofit Seat at the Board's July 8, 2021 meeting. This appointment filled the one vacant seat on the RMCP Committee.

Staff recommends that RMCP Committee members provide nominations and elect a Vice Chair for the Committee at this meeting. The current (July 2021) RMCP roster is attached to this staff report. After the election, staff will update the roster and the C/CAG RMCP Committee website, noting the new Vice Chair of the Committee.

ATTACHMENT

RMCP Roster – July 2021

C/CAG

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San Francisco • Woodside

Resource Management and Climate Protection Committee (July 2021)	
Elected Officials (7)	
Maryann Moise Derwin – <u>Committee Chair</u> Mayor Portola Valley mderwin@portolavalley.net	
Don Horsley Vice President - Board of Supervisors County of San Mateo – District 3 dhorsley@smcgov.org	Drew Combs Mayor Menlo Park dcombs@menlopark.org
Rick DeGolia Council Member Atherton rdegolia@ci.atherton.ca.us	Diane Papan Councilmember San Mateo Dpapan@cityofsanmateo.org
Debbie Ruddock Vice Mayor Half Moon Bay druddock@hmbcity.com	Donna Colson Councilmember Burlingame dcolson@burlingame.org
<u>Stakeholder Representatives (5)</u>	
<u>Energy</u>	Ortensia Lopez Executive Director El Concilio of San Mateo County or10sia@el-concilio.com
<u>Water</u>	Tom Francis Water Resources Manager Bay Area Water Supply and Conservation Agency tfrancis@bawsca.org

Resource Management and Climate Protection Committee

(July 2021)

<u>Utility</u>	Bill Chiang Government Relations Pacific Gas and Electric Company william.chiang@pge.com
<u>Nonprofit</u>	Alex Fernandez Chief Operating Officer Filoli Center afernandez@filoli.org
<u>Business/Chamber of Commerce</u>	Jeff Smith Director, Residential Development Sares Regis Group, LLC JSmith@srgnc.com
<u>Environmental</u>	Christine Zaugg Executive Director Sustainable San Mateo County christine@sustainablesanmateo.org

RMCP Committee Staff

<u>C/CAG</u>	Sandy Wong Executive Director slwong@smgov.org (650) 599-1409
<u>C/CAG</u>	Kim Springer Transportation Systems Coordinator Energy, Water, and Climate kspringer@smcgov.org

C/CAG AGENDA REPORT

Date: July 21, 2021
To: Resource Management and Climate Protection Committee
From: Bill Chiang, PG&E, RMCP Committee Member
Subject: PG&E update on efforts to reduce wildfire risk and Public Safety Power Shutoffs.

(For further information contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

Receive a PG&E update on efforts to reduce wildfire risk and Public Safety Power Shutoffs.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

With record drought and increased fuel sources, California has experienced increased, and record-breaking wildfires in California. These fires have resulted in loss of life and billions of dollars in damage to property and infrastructure.

With these increased risks, utilities have developed programs to proactively cut power to electrical lines that may fail in certain weather conditions, to reduce the likelihood that their infrastructure could cause or contribute to a wildfire. This effort to reduce the risk of fires caused by electric infrastructure by temporarily turning off power to specific areas is called a Public Safety Power Shutoff (PSPS).

PG&E last updated the Committee on November 18, 2020. PG&E has continued to implement multiple safety improvements to the electrical grid to reduce the number of customers impacted as a result of a PSPS and to reduce the wildfire risk of the overall system.

Bill Chiang, Senior Public Affairs Representative and RCMP Committee member, and Frank Fraone, Public Safety Specialist, both from PG&E, will provide a presentation on PG&E's multiple efforts to enhance its Community Wildfire Safety Program and reduce PSPS events.

A link to PG&E Wildfire Safety Program is provide as an attachment to this staff report.

ATTACHMENTS

PG&E Wildfire Safety Program Link: [PG&E Wildfire Safety](#)

C/CAG AGENDA REPORT

Date: July 21, 2021
To: Resource Management and Climate Protection Committee
From: Tom Francis, BAWSCA, RMCP Committee Member
Subject: Bay Area Water Supply and Conservation Agency update on Water Supply Reliability Roundtable and drought in San Mateo County.
(For further information contact Kim Springer at kspringer@smcgov.org)

RECOMMENDATION

Receive an update on Water Supply Reliability Roundtable and drought in San Mateo County.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

The Bay Area Water Supply and Conservation Agency (BAWSCA), which represents the 26 wholesale customers of the San Francisco Regional Water System, has been working with C/CAG staff and member of the public, Carol Steinfeld, to finalize an outline of Water Supply Reliability Roundtable meetings, which would hold its first meeting this summer.

Tom Francis, who last presented to the RMCP Committee on April 21, 2021, on water supply availability estimates and request for voluntary rationing, will present an update on the Roundtable and the current drought situation in San Mateo County.

The outline for the Water Supply Reliability Roundtable is provided as an attachment to this staff report.

ATTACHMENTS

None

DRAFT

WATER RELIABILITY ROUNDTABLE

Purpose:

Providing the opportunity for discussion among interested stakeholders with the goal of achieving water supply reliability by enhancing water-supply sustainability through the identification of collaborative opportunities to support, help finance, permit/approve, and/or expand projects or programs that have the potential to offer multiple benefits.

The first meeting of the Roundtable will be used to identify specific interests of the participants and review the format and overall approach presented in this document. By encouraging active engagement without the risk of information exchange being used in a manner that is seen as a concern or counterproductive for participants, the Roundtable may lead to collaborative outcomes.

Timetable:

At the conclusion of the first year of the Roundtable, a decision will be made by the participants as to the desire to continue to meet and convene the Roundtable.

Goal / Roundtable Work Product:

Participants in the Roundtable may have particular interests in mind for their organizations and/or work products that the Roundtable will be providing input on. At this point in time, the primary work product of the Roundtable will be a document summarizing the discussions held and the input provided. That document will be finalized at the completion of the first year.

For BAWSCA, there is the desire to utilize input from the roundtable to help scope the next update of their Long Term Reliable Water Supply Strategy. Other participant agencies and organizations will have their own possible use and expectations of the Roundtable.

One Water Perspective:

One Water is an integrated planning and implementation approach to managing finite water resources for long-term resilience and reliability, meeting both community and ecosystem needs". The concept of "one water" has grown in importance in recent years as related to water supply planning. Efforts of the roundtable will recognize and embrace the one water perspective.

One water recognizes the following:

- All water has value and should be managed in a sustainable, inclusive, integrated way
- Managing all water should be approached in an integrated, inclusive, and sustainable manner with a focus on partnerships, inclusion, and engagement in implementation and achieving multiple benefits

Drivers:

Drought, climate change, increasing demand, regulations, permit compliance, competing jurisdictional oversight, costs (of water supplies created, facilities including O&M, etc).

Outcomes:

- Knowledge sharing among attendees and presenters
- Roundtable page placed on the BAWSCA website (presentations, meeting minutes, etc.)
- Follow-up (attendees are asked to engage key decision makers within their organization to keep them abreast of the Roundtable discussions and when appropriate provide follow-up to advance a project or program that has Roundtable support)

Format:

- **Length/Frequency** = 2-hour quarterly gathering with time for attendees to talk to each other
- **Presentations** = 20 mins. per presentation (general rule).
 - Envision 3 speakers per meeting, to allow time for conversation
- **Venue** = Hybrid Approach
 - The Roundtable may meet in person or be conducted online depending on circumstances
- **Organizer**
 - BAWSCA can serve in the role of Roundtable organizer

Potential topics:

- **Drought-response initiatives:**
 - Outdoor water-use programs: Examples of jobs creation
 - Community-based conservation (door-to-door outreach, school programs, etc.)
 - Success stories (examples from within the SF RWS as well as in other parts of the State and Country)
- **Regional scale supply diversification**
 - Desalination, potable reuse, non-potable reuse (freshwater augmentation, ag use, etc.)
 - Costs, challenges (ex: treatment costs, distribution issues, funding public acceptance, O&M, etc.)
 - Speakers: Reps from agencies/companies/consultants with operational experience
- **Local scale diversification/ decentralized supply**
 - Stormwater, graywater, onsite non-potable reuse, etc.
 - Speakers such as Matt Fabry, Paula Kehoe, Elizabeth Flegel (Mtn View), Peter Haase, Heather Cooley, Carol Steinfeld, etc.
 - Concepts of interest = multi-benefit water sourcing: reducing stormwater, addressing wastewater influent and effluent
- **Demand Management**
 - Water conservation, reduced use policies, new frameworks, and other leverage points
 - Water offsets, new ordinances, water-neutral approaches, water pricing strategies, etc.
- **Alternative Water Supply Projects**
 - Projects in development at BAWSCA and the SFPUC
 - BAWSCA member agency specific projects

- New collaborative opportunities
- **Funding opportunities (Federal or State grants)**
 - Agency programs (i.e., DWR, Bureau, etc)
 - Prop 84 / State grant opportunities

Roundtable – Assigned Participants:

- BAWSCA staff (Water Resources Manager; additional staff person / note taker)
- C/CAG staff (multiple staff, representing sustainability elements – stormwater, groundwater, etc.)
- Wastewater agency representatives
- Key Environmental NGOs (Sierra Club, TRT, Sustainable San Mateo County, etc.)
- Key Business / Labor NGOs or Reps (Silicon Valley Leadership Group, Reps from Private Sector {Developers, Businesses, Labor})

Roundtable – Stakeholders / Occasional Participants:

- SFPUC
- Valley Water
- Specific BAWSCA Member Agencies
- Specific area business representatives
- Invited speakers

Roundtable Outreach

- Dedicated page on BAWSCA website
- Update to RMCP and BAWSCA as appropriate

C/CAG AGENDA REPORT

Date: July 21, 2021
To: Resource Management and Climate Protection Committee
From: Greg Smith, San Mateo County Health, Environmental Health Services
Subject: Presentation on onsite use of non-potable water in residential and commercial settings, and state efforts to establish regulations for various non-potable end uses.

(For further information contact Kim Springer at 650-599-1412)

RECOMMENDATION

Receive a presentation on onsite use of non-potable water in residential and commercial settings, and state efforts to establish regulations for various non-potable end uses for discussion and comment.

FISCAL IMPACT

None

BACKGROUND/DISCUSSION

Statewide and locally, drought, growing population, and challenges to current water supplies are increasing the need to expand or conserve sources of potable water. One approach to conserving potable municipal water resources, is to replace supplies with recycled or reused non-potable water. Non-potable water, if appropriately conveyed, can be used for purposes such as landscape watering or toilet flushing.

The County of San Mateo, Division of Environmental Health Services provides guidance to building departments and the public in San Mateo County, to understand appropriate uses of non-potable water, with special focus on both cross connection control (backflow prevention), and definition and proper handling of non-potable water types in different venues.

Greg Smith, Supervisor of Water Protection and Land Use Programs, with the SMC Health System, Division of Environmental Health will give a presentation on various sources, types, and allowable use of non-potable water, and efforts by the state to establish water quality regulations and standards.

ATTACHMENTS

None