

# C/CAG

## CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

*Atherton • Belmont • Brisbane • Burlingame • Colma • Daly City • East Palo Alto • Foster City • Half Moon Bay • Hillsborough • Menlo Park  
Millbrae • Pacifica • Portola Valley • Redwood City • San Bruno • San Carlos • San Mateo • San Mateo County • South San Francisco • Woodside*

## Meeting Minutes

### Resource Management and Climate Protection Committee (RMCP)

**Date:** Wednesday, July 20, 2022

#### **Committee Members in Attendance:**

Diane Papan – San Mateo  
Alex Fernandez – Filoli  
Christine Kohl-Zaugg – Sustainable San Mateo County  
Donna Colson – Burlingame  
Sue Beckmeyer – Pacifica  
Ortensia Lopez - El Concilio  
Jeff Smith – Sares Regis Group  
Tom Francis – BAWSCA

#### **Committee Members not in Attendance**

Maryann Moise Derwin - Portola Valley  
Don Horsley - San Mateo County Supervisor  
Deborah Ruddock – Half Moon Bay  
Rick DeGolia - Atherton  
Bill Chiang - PG&E

#### **Additional Attendees**

Kim Springer – C/CAG  
Sean Charpentier – C/CAG  
Michael Barber, Supervisor Pine’s Office  
Carol Steinfeld – Sierra Club  
Tom Kabat – presenter  
Josie Gaillard - presenter  
Carl Schwab – public attendee  
Christa McDonald – County OOS  
Isabelle Peres – County OOS  
Avana Andrade – County OOS  
Craig Lewis – Clean Coalition

Note: Presentations for this meeting have been posted on the C/CAG RMCP Committee website:  
<https://ccag.ca.gov/committees/resource-management-and-climate-protection-committee/>

#### **1. Brief Overview of Teleconference Meeting Procedures**

Committee staff provided a brief overview of teleconference meeting procedures.

## **2. Roll Call and Introductions**

Committee staff completed Roll Call and a non-quorum of eight Committee members was achieved, allowing voting on agenda action items.

## **3. Public Comments on items not on the agenda**

There were no public comments.

## **4. Approval of minutes of May 18, 2022 RMCP Committee meeting.**

The Committee voted to approve the minutes of the May 18, 2022 Committee meeting minutes through a roll call vote. Motion by Committee member Smith, with second by member Francis, passed (7,0,0). Member Fernandez was not present for the vote.

## **5. Presentation on preliminary final results of San Mateo County residential electrification case studies.**

Tom Kabat and Josie Gaillard, Consultants for the residential electrification case studies project, provided a presentation. The slides for the presentation are posted on the C/CAG RMCP website. The presentation focused on one specific home in San Bruno, of the various 10 homes studied. Electrification is the replacement of fossil fueled appliance with electric in homes. Because PCE provides nearly 100% GHG-free electricity in San Mateo County, this equates to approaching zero emissions.

Consultant visited the 10 homes and spent time putting together contractor bid packages for contractors to respond to. They collected specifics about the site, existing equipment, homeowner requests for replacement appliances, and electrical load design. The consultants showed slides of the existing and replacement equipment. The bid packages include solar, battery, backup, insulation, etc. Installation costs include like-for-like replacement as well as electric energy efficient projects, and the cost of the equipment. The costs are then modeled over time to show the simple payback period of the complete package if upgrade projects, including available rebates.

The analysis and resulting graphs show that the addition of solar greatly (positively) decreases the simple payback period of partial (phased in) or entire installations, with or without a battery backup. Committee members asked various question related to the presentation: how space is allocated in an existing panel for a future EV, how loans related to payback, affordability for low income, and how the new benefits of cooling and electrical panel safety were “normalized” in the analysis.

## **6. Bay Area Water Supply and Conservation Agency update on water supply and drought conditions in San Mateo County and the BAWSCA Water Reliability Roundtable.**

Tom Francis, Committee member and Water Manager at BAWSCA, presented to the Committee on water supply and drought conditions. The State continues to experience drought, in some areas growing to extreme drought, with multiple executive orders from the governor and declarations by the SFPUC for conservation. Though the Hetch Hetchy Reservoir filled this year, the rest of the storage system for other parts of the state will not fill and other areas of the state are suffering. Summer water use reduction will be critical, even though it is still voluntary.

Though up-county precipitation fell short this year, as did the snowpack and length of time the snowpack melt occurred, locally we had slightly above average rainfall, due to atmospheric rivers and high rainfall in October and December 2021, so early in the water year. Water customer conservation, despite strong messaging, has not been as successful earlier in the year, but improved

somewhat in early July. BAWSCA continues to push our conservation messaging by billboards, social media, mailers, and the BAWSCA website.

Committee members discussed the likelihood of future atmospheric rivers and whether we're capitalizing that water capture opportunity, and how the outside temperature has been comfortable, but what happens when we may get a heat wave. In the interest of time for the last presentation Tom suggested and the Committee agreed to push the presentation on the Water Reliability Roundtable to the next meeting.

- 7. Receive presentation on the Orange Memorial Park Regional Stormwater Capture Project.** Reid Bogert, Senior Stormwater Specialist with C/CAG, presented on the Orange Memorial Park Regional Stormwater Capture Project. The Project is the result of several years of planning towards regional scale stormwater management, which has included identification of multiple project locations studied. Bogert shared three other project underway in San Mateo County in San Bruno, Belmont, and Redwood City.

The Project is truly a multijurisdictional project, with runoff coming from San Bruno, Daly City, Colma, Pacifica, the One Shoreline Colma Creek Watershed, and areas of Caltrans property. There was a ribbon cutting in June. Now that the project is completed, current efforts are focused on how to co-fund maintenance of the facility. The project diverts flow from Colma Creek for treatment and reuse and local flood reduction. The contaminants cleaned include Mercury, PCBs, and trash. The water reuse includes irrigation, water trucks supply, and groundwater recharge. Overflow of the system is returned to Colma Creek after cleaning. It's estimated that about 640 acre-feet of water will be diverted and cleaned annually and 15 million gallons of potable water use offset per year, and a significant water savings for the City of South San Francisco per year.

Municipal Regional Permit goals for capture and cleaning are individual goals for each city, but there is a countywide goal that, if met, satisfies all the city goals. This Project helps meet that countywide goal, just a structure for cities to contribute to the multijurisdictional projects is still being developed, including for maintenance and operations. Bogert explained some of the maintenance needs for the Project, which is estimated as between \$300K to \$500K per year, so not inexpensive.

Committee members and the public discussed the need for capturing contaminants at the beginning of a storm's runoff, ability to capture large amounts of stormwater, how to make the costs share based on average size of parcel, participation of One Shoreline in these kind of projects, and additional non-municipal sites for these kinds of projects.

## **8. Committee Member Updates**

Donna Colson shared her background photo of the new zero net energy city center buildings in Burlingame and welcomed people to visit.

## **9. Next Scheduled Meeting Date: August 17, 2022**

Note: All presentations are posted on the C/CAG RMCP Website at:

<https://ccag.ca.gov/committees/resource-management-and-climate-protection-committee/>