

C/CAG

CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

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MEETING AGENDA **San Mateo Countywide Water Coordination** **(SMCWCC) Committee**

Date: Wednesday, August 16, 2017
7:30 a.m. to 9:00 a.m.
Place: San Mateo City Hall
Conference Room C (across from Council Chamber)
330 West 20th Avenue
San Mateo, CA

PLEASE CALL Sandy Wong (599-1409) IF YOU ARE UNABLE TO ATTEND

- | | | | |
|----|---|-------------------------------------|---------------|
| 1. | Public comment on items not on the agenda | Presentations are limited to 3 mins | |
| 2. | Approval of minutes from the June 14, 2017 meeting | Action (Pine) | Pages 1 - 3 |
| 3. | Receive a presentation on mapping countywide water coordination issues | Information (Fabry) | Page 4 |
| 4. | Receive a presentation on countywide stormwater program opportunities for collaboration | Information (Fabry) | Page 5 - 7 |
| 5. | Receive information on San Mateo Sea Level Rise Vulnerability Assessment messaging consultant selection | Information (Papendick/Sharma) | Page 8 - 9 |
| 6. | Continue discussion on committee workplan and next-steps | Action (Pine) | Pages 10 - 11 |
| 7. | Member comments and announcements | Information | |
| 8. | Adjournment | Action | |

NOTE: All items appearing on the agenda are subject to action by the Committee. Actions recommended by staff are subject to change by the Committee.

NOTE: 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.

Countywide Water Coordination Committee

MINUTES MEETING OF JUNE 14, 2017

Chair Pine called the meeting to order at 7:35 am at the San Mateo City Hall.

Attendance sheet is attached.

1. Public Comments on items not on the agenda.

None.

2. Approval of minutes from the May 17, 2017 meeting.

Staff noted a correction in the Minutes. The correct title for Erika Powell is “San Mateo County Flood Resilience Program Manager”.

*Motion: Member Vaterlaus moved to **approve the May 17, 2017 minutes as presented;** member Gauthier seconded; Motion carried unanimously.*

3. Receive an update on “Resilient By Design – Bay Area Challenge”.

Hilary Papendick provided an update on the Resilient By Design – Bay Area Challenge, a collaborative research and design initiative that connects design leaders to community members and local and national experts. In this challenge, ten teams of architects, engineers, designers, and other experts will work alongside community members and local government to identify critical areas along the San Francisco Bayfront, and propose exciting new solutions that will strengthen our region’s resilience to sea level rise, severe storms, flooding and earthquakes.

4. Develop committee workplan and direct staff on next-steps (action item).

The committee had a robust discussion regarding its priorities, roles and responsibilities relative to collaboration of sea level rise, flood resilience, and stormwater projects. In the near term, the committee can be most impactful in the following areas:

Funding advocacy:

- Receive information and overview of funding opportunities.
- Look for broader collaboration and partners for grant applications. For example, Integrate Regional Water Management (IRWM) Coordinating Committee, Coastal Conservancy, San Francisco Estuary Partnership/Association of Bay Area Governments, etc.
- Leverage private funding.
- Look at Proposition 218 efforts, including what C/CAG already did for a potential countywide stormwater funding initiative.

Information and Education:

- Sponsor mini seminars or conference.
- Receive background information on work done by the previous “Water Committee” last year.
- Have a presentation on what's been done to-date on the Bayfront Canal flood control efforts.
- Receive information on various on-going and planned projects. Having that knowledge would enable the committee to help prioritize and advocate for projects, and provide endorsement.
- Look at what C/CAG will be developing for its Green Infrastructure funding options report that will be created during FY 17/18.
- Provide education on the current regulatory environment for getting projects built.
- San Mateo County is planning to install a significant number of new flow gages in local creeks in the County, some of which flow through incorporated jurisdictions. This data could be used as part of a site prioritization process that involves understanding variable flow conditions, flooding, green infrastructure potential and risk related to stormwater and sea level rise.

Inter-Agency Collaboration:

- The committee can be a sounding board for planning, policy development, and development of templates for ordinance and code changes.
- Consider coastal and bay-side working groups, given very different nature of issues on both sides of the county.
- Look at aggregate flood insurance programs.
- Development agreements - standardize/institutionalize terms and conditions for future developments (for the area between US 101 and the bay).
- Consider a damage assessment "strike team" to assist agencies when flood events occur

Other:

- Provide additional staff to help pursue other projects.

5. Adjustment to committee meeting calendar for 2017 (action item).

The committee decided to keep the following future meeting dates:

August 16, 2017

September 20, 2017

Every other month thereafter.

6. Member comments and announcements (information item).

None.

7. Adjournment.

Meeting was adjourned at 9:01 am.

Countywide Water Coordination Committee Attendance					
Committee Member	Agency	5/17/2017	6/14/2017		
Dave Pine (Chair)	County of San Mateo	X	X		
Lisa Gauthier (Vice Chair)	East Palo Alto	X	X		
Sue Vaterlaus	Pacifica	X	X		
Diane Papan	San Mateo	X	X		
Mark Addiego	South San Francisco	X	X		
Others in attendance (June 14, 2017):					
Sandy Wong	C/CAG				
Matt Fabry	C/CAG				
Reid Bogert	C/CAG				
Hilary Papendick	San Mateo County (Office of Sustainability)				
Jim Porter	San Mateo County (Public Works)				
Len Matterman	San Francisquito Creek JPA				

C/CAG AGENDA REPORT

Date: Aug 16, 2017
To: San Mateo Countywide Water Coordination Committee
From: Matt Fabry, Program Manager
Subject: Receive presentation on mapping countywide water coordination issues

RECOMMENDATION

Receive presentation on mapping countywide water coordination issues.

BACKGROUND

At the June Water Coordination Committee meeting, staff proposed compiling digital maps that help illustrate spatially where countywide water challenges and opportunities exist in regard to stormwater management, flood resiliency, and sea level rise.

DISCUSSION

During C/CAG's development of the countywide Stormwater Resource Plan, its consultant created a GIS (geographic information system) data viewer to help visualize prioritized opportunities for stormwater management and green infrastructure. Staff worked with C/CAG's consultants and County flood resiliency and sea level rise staff to build on the GIS data viewer to incorporate additional data layers relevant to the Water Coordination Committee.

The new GIS viewer includes layers depicting key watershed characteristics, including subwatershed boundaries, flood prone channels, FEMA 100-year flood plain areas, areas projected for new and redevelopment through 2040, storm drains, and prioritized green street, regional capture and Low Impact Development (LID) stormwater opportunities. Additional water coordination data, including sea level rise scenarios, vulnerable shorelines/assets, and planned or future flood resiliency projects will be added as available to allow a geospatial assessment of geographically overlapping and hydrologically interlinked water issues that could help build the case for future collaboration.

C/CAG staff will provide a brief overview of the GIS layers.

ATTACHMENTS

None.

C/CAG AGENDA REPORT

Date: Aug 16, 2017

To: San Mateo Countywide Water Coordination Committee

From: Matt Fabry, Program Manager

Subject: Receive presentation on countywide stormwater program opportunities for collaboration

(For further information, contact Matt Fabry at 650-599-1419)

RECOMMENDATION

Receive presentation on Countywide stormwater program opportunities for collaboration.

BACKGROUND

C/CAG administers the Countywide Water Pollution Prevention Program (Countywide Program), which supports C/CAG's member agencies in complying with requirements to reduce pollution in stormwater runoff contained in the Municipal Regional Permit (MRP) issued by the San Francisco Bay Regional Water Quality Control Board. Several aspects of the MRP intersect with sea level rise and flooding concerns, and hence are relevant to the Water Coordination Committee's charge of coordinating outreach, funding, planning and project implementation across the three programmatic areas.

As discussed in previous meetings, three areas of the Countywide Program are particularly relevant for coordination among the member agencies: green infrastructure planning and implementation, countywide stormwater resource planning, and countywide modeling to assure green infrastructure plan implementation will achieve specific pollutant load reductions. Ultimately, green infrastructure is the mechanism by which permittees are accountable for achieving a significant portion of pollutant load reductions under the MRP, but the Countywide Program's current green infrastructure planning and implementation process, including supportive hydrologic modeling and stormwater resource planning tools and outputs could provide a timely opportunity to better coordinate among water issues in the County and move towards a "climate resiliency" planning approach for managing stormwater, sea level rise, and flooding.

DISCUSSION

Green infrastructure planning and implementation as focal point

Under the current MRP, all C/CAG member agencies are required to develop Green Infrastructure Plans by September 30, 2019 to demonstrate a shift from traditional "grey" infrastructure to "green" infrastructure that manages stormwater more sustainably as a resource rather than a waste. Permittees must also demonstrate through hydrologic/hydraulic modeling that they will be able implement sufficient green infrastructure to achieve pollutant load reduction requirements for mercury and PCBs (polychlorinated biphenyls) by 2020, 2030 and 2040.

To support this work C/CAG and its consultants have developed calibrated hydrologic and sediment loading models for the entire County and will be generating various green infrastructure scenarios on a Countywide, watershed, and jurisdictional basis to determine the overall amount of green infrastructure that will need to be implemented to meet permit requirements. Additionally, the Countywide Stormwater Resource Plan, which was adopted in February 2017, includes a prioritization process for identifying stormwater management opportunities on public parcels and roadways (including large, regional stormwater capture opportunities, smaller, street-scale green street opportunities, and onsite parcel-scale opportunities), as well as 22 project concepts to support member agency grant applications. In FY 2017/18 and 2018/19, C/CAG's member agencies will take the modeling results and green infrastructure scenarios and incorporate them into their individual Green Infrastructure Plan at the local level.

Opportunities for collaboration with sea level rise and flood resilience planning initiatives

Although the Green Infrastructure Plans are driven primarily from a water quality perspective and are prescribed by the MRP and the Regional Water Quality Control Board, green infrastructure inherently takes a multi-benefit approach to watershed management and achieves multiple objectives that could address a combination of related water issues in the County, including sea level rise and flooding. Several aspects of the Countywide Program's green infrastructure planning and implementation support efforts present opportunities for enhanced coordination.

- Modeling green infrastructure scenarios and project prioritization - Expand project prioritization criteria for green infrastructure to include sea level rise and flood resilience
- Climate change-related precipitation linked to hydraulic/hydrologic modeling – Future precipitation scenarios could be modeled to evaluate green infrastructure's role in managing stormwater runoff under a changing climate
- Green infrastructure model planning document updates - Model language for planning document updates required by the MRP could be expanded to include principles of flood resiliency and sea level rise adaptation and/or mitigation
- Future development/redevelopment projections - Projections for acreage and locations for new and redevelopment through 2040 could be utilized to evaluate need for additional development approval conditions to protect against flooding and sea level rise
- Adoption of policies, ordinances, or other legal mechanisms to implement green infrastructure - Include recommendations for legal mechanisms that promote climate resiliency planning and implementation beyond just green infrastructure
- Project concepts - C/CAG has potential to evolve and create additional project concepts that could incorporate multi-benefit project components and advocate for multi-jurisdictional coordination
- Outreach to local councils, agency staff, and the general public - Opportunities for C/CAG and local agencies to present multi-benefit "climate resiliency" approach to local councils and the

general public, and also train local staff

- Funding options - Identifying and supporting more regional, multi-benefit projects could greatly enhance funding options for local agencies (e.g., development impact fees, regulatory fees, business improvement districts, enhanced infrastructure financing districts, Caltrans Cooperative Implementation Agreements, etc.)

Staff will provide a brief presentation summarizing these issues and opportunities for Committee member discussion.

ATTACHMENTS:

None

C/CAG AGENDA REPORT

Date: August 16, 2017

To: C/CAG San Mateo Countywide Water Coordination Committee

From: Hilary Papendick, Climate Change/ Adaptation Program Manager and Jasneet Sharma, Climate Resiliency Specialist

Subject: Receive information on San Mateo Sea Level Rise Vulnerability Assessment messaging consultant selection.

(For further information or response to questions, contact Jasneet Sharma at 650-363-4088)

RECOMMENDATION

Receive information on San Mateo Sea Level Rise Vulnerability Assessment messaging consultant selection.

BACKGROUND

The County of San Mateo's Sea Change SMC staff is in the process of finalizing the Sea Level Rise Vulnerability Assessment (Assessment), creating collateral materials, and conducting outreach throughout the County of San Mateo (County). An important aspect of the process is not only accurately portraying the results of the Assessment, but communicating them in a way that is the best proven method for effective messaging on sea level rise. In communicating the Assessment to staff, elected officials, businesses, and the public, Sea Change SMC staff aims to motivate audiences into action and instill a sense of positive accountability and empowerment. There is also a need to frame sea level rise as a County-wide issue and to ensure messaging and framing consistency across county-wide agency partners and other spokespersons.

Sea Change SMC staff will be hiring a communications consultant to meet this need. Staff released a Request for Quotations for this work on July 3, 2017 and received proposals from Catalyst + Convey, Climate Access, and Frameworks. Staff are currently in the process of selecting a consultant, and should have a selection made by the end of August.

The scope of work for the communications consultant includes:

1. Review of Existing Messaging and Collateral
 - a. Includes revision of existing communications plans and messaging platforms as needed to reflect best practices in climate change and sea level rise communications.
 - b. Includes consultant services for cities as needed to assist with communication on sea level rise and adaptation projects.
2. Communications Toolkit
 - a. The Toolkit is meant to support city and county staff in developing an effective sea level rise communications strategy and will include background information, talking

points, and best practices for sea level rise communications.

3. Training

- a. Includes a workshop and webinar for city and county staff, elected officials, and Sea Change SMC participants on how to effectively engage others in understanding sea level rise and taking action.

4. Sea Level Rise in SMC Video

- a. Includes a 3-5 minute video, or a series of shorter videos, that tell the story of what sea level rise means for the County, describe current efforts underway, and share information on actions for different audiences to take in order to reduce the impacts of sea level rise.

5. Additional Analysis on Key Issues

Work on this project will likely begin in early September.

ATTACHMENTS

None.

C/CAG REPORT

Date: August 16, 2017

To: San Mateo Countywide Water Coordination Committee

From: Sandy Wong, Executive Director of C/CAG

Subject: Continue discussion on committee workplan and next-steps

Recommendation:

At the June 14, 2017 meeting, the committee had a robust discussion regarding its priorities, roles and responsibilities relative to collaboration of sea level rise, flood resilience, and stormwater projects. At the Chair and committee's discretion, the committee may continue that discussion and further direct staff on next-steps.

Fiscal Impact:

Staff time. May require consultant support, to be determined.

Background:

Below is a summary from the June 14, 2017 committee discussion regarding its focus and priorities relative to collaboration of sea level rise, flood resilience, and stormwater projects:

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- Leverage private funding.
- Look at Proposition 218 efforts, including what C/CAG already did for a potential countywide stormwater funding initiative.

Information and Education:

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Other:

- Provide additional staff to help pursue other projects.

Attachment: None.