

C/CAG

CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

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Millbrae ■ Pacifica ■ Portola Valley ■ Redwood City ■ San Bruno ■ San Carlos ■ San Mateo ■ San Mateo County ■ South San Francisco ■ Woodside

STORMWATER (NPDES) COMMITTEE AGENDA 2:30 PM, Thursday, June 18, 2020

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. Pursuant to the Shelter-in-Place Orders issued by the San Mateo County Health Officer and the Governor, and the CDC's social distancing guidelines, which discourage large public gatherings, C/CAG 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 by Zoom: <https://us02web.zoom.us/j/84464799183?pwd=dENTUE1KajlsWVlueTdHNEhFN2VQZz09>

Join by Phone: +1 669 900 6833

Meeting ID: 844 6479 9183

Password: 729631

Persons who wish to address the C/CAG Board on an item to be considered at this meeting, or on items not on this agenda, are asked to submit written comments to rbogert@smcgov.org. Oral public comments will also be accepted during the meeting through Zoom. Please see instructions for written and spoken public comments at the end of this agenda.

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|---|------------------|----------------------|
| 1. Public comment on items not on the Agenda (presentations limited to three minutes). | Breault | No materials |
| 2. Stormwater Issues from May C/CAG Board meeting: <ul style="list-style-type: none">• June - Approval to execute task orders with EOA (not to exceed \$1,258,122), Larry Walker Associates (not to exceed \$150,00) and S. Groner Associates (not to exceed \$250,000) to provide technical support to the Countywide Water Pollution Prevention Program in FY 2020-21; Amendment No. 5 to the funding agreement with the Bay Area Water Supply and Conservation Agency, for FY 2020-21 and modifying program terms to provide additional pilot incentives for the Rain Barrel Rebate Program at no additional cost. | Fabry | No materials |
| 3. ACTION – Review and approve May 21, 2020 Stormwater Committee minutes | Fabry | Pages 1-5 |
| 4. INFORMATION – Announcements on stormwater issues <ul style="list-style-type: none">• June 10 Regional Water Board meeting – MRP 3.0 Information Item• Funding Opportunities• Regional Projects Update• Sustainable Streets Master Plan – Deliverables Review• Other | Fabry | Verbal, no materials |
| 5. INFORMATION – Receive an update on preparing Report of Waste Discharge submittal for reissuance of the Municipal Regional Stormwater Permit. | Fabry/
Konnan | Pages 6-7 |
| 6. Regional Board Report | Mumley | No Materials |
| 7. Executive Director's Report | Wong | No Materials |
| 8. Member Reports | All | No Materials |
| 9. Adjourn | | |

PUBLIC NOTICING: 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>. Please note that C/CAG's office is temporarily closed to the public; please contact Mima Guilles at (650) 599-1406 to arrange for inspection of public records.

PUBLIC PARTICIPATION DURING VIDEOCONFERENCE MEETINGS: Persons with disabilities who require auxiliary aids or services to participate in this meeting should contact Mima Guilles at (650) 599-1406, five working days prior to the meeting date.

Written comments should be emailed in advance of the meeting. Please read the following instructions carefully:

1. Your written comment should be emailed to rbogert@smcgov.org.
2. Your email should include the specific agenda item on which you are commenting or note that your comment concerns an item that is not on the agenda.
3. Members of the public are limited to one comment per agenda item.
4. The length of the emailed comment should be commensurate with the two minutes customarily allowed for verbal comments, which is approximately 250-300 words.
5. If your emailed comment is received at least 2 hours prior to the meeting, it will be provided to the C/CAG Committee members, made publicly available on the C/CAG website along with the agenda, and read aloud by C/CAG staff during the meeting. We cannot guarantee that emails received less than 2 hours before the meeting will be read during the meeting, but such emails will be included in the administrative record of the meeting.

Oral comments will be accepted during the meeting through Zoom. Please read the following instructions carefully:

1. The Stormwater Committee meeting may be accessed through Zoom at the online location indicated at the top of this agenda.
2. You may download the Zoom client or connect to the meeting using an internet browser. If using your browser, make sure you are using a current, up-to-date browser: Chrome 30+, Firefox 27+, Microsoft Edge 12+, Safari 7+. Certain functionality may be disabled in older browsers including Internet Explorer.
3. You will be asked to enter an email address and name. We request that you identify yourself by your name as this will be visible online and will be used to notify you that it is your turn to speak.
4. When C/CAG Staff or the Committee Chair/Vice-Chair call for the item on which you wish to speak, click on "raise hand." C/CAG staff will activate and unmute speakers in turn. Speakers will be notified shortly before they are called on to speak.
5. When called, please limit your remarks to the time allotted.

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

Program Manager: Matthew Fabry (650) 599-1419
Administrative Assistant: Mima Guilles (650) 599-1406

C/CAG AGENDA REPORT

Date: June 18, 2020
To: Stormwater Committee
From: Matthew Fabry, Program Manager
Subject: Review and approve May 21, 2020 Stormwater Committee meeting minutes.

(For further information or questions contact Matthew Fabry at 650 599-1419)

RECOMMENDATION

That the Committee review and approve May 21, 2020 Stormwater Committee meeting minutes, as drafted.

DISCUSSION

N/A.

ATTACHMENTS

1. Draft May 21, 2020 Minutes

STORMWATER COMMITTEE
Regular Meeting
Thursday, May 21, 2020
2:30 p.m.

DRAFT Meeting Minutes

The Stormwater Committee met remotely via Zoom, per C/CAG's shelter-in-place policy and consistent with state and county directives to manage COVID-19. Attendance at the meeting is shown on the attached roster. In addition to the Committee members, also in attendance were Matt Fabry (C/CAG Program Manager), Reid Bogert (C/CAG staff), Sandy Wong (C/CAG Executive Director), Jim Eggemeyer, John Allan, and Susan Wright (County of San Mateo), Jennifer Lee (City of Burlingame), Katherine Sheehan (Town of Colma), Sarah Scheidt and Sven Edlund (City of San Mateo), Raymond Donguines (City of Pacifica), Doug Silverstein (Thrive Alliance) and Darren Choy (RRM). Chair Breault called the meeting to order at 2:32 p.m.

1. Public comment: Doug Silverstein, who leads the Thrive Alliance group in San Mateo County, introduced himself and welcomed future engagement between the Thrive Alliance and other groups like C/CAG who are making progress on various sustainability initiatives in the County.
2. Stormwater Issues from C/CAG Board Meetings: May – Adopted Reso 20-21 authorizing the application for \$97,671 in grant funding from the California Resilience Challenge for the Resilient San Carlos Schoolyards project to develop schoolyard greening concept plans for three sites/six schools in the San Carlos School District.
3. ACTION – Approval of the draft minutes from the April 16, 2020 Stormwater Committee meeting. Motion: member Machida, second: member Nagaya. Approved (15:0:0).
4. INFORMATION – The following items were covered in announcements:
 - COVID Response Letter to Regional Water Board – Matt Fabry notified the Committee of the response letter sent on behalf of the countywide stormwater program and San Mateo County permittees outlining the general response to compliance issues related to the COVID-19 shelter-in-place orders from the State and County Health System. Fabry worked with the Ad-hoc Workgroup members of the Committee to refine the response which was based primarily on the approach and response letter submitted to the Regional Water Board by the Santa Clara Valley Urban Runoff Pollution Prevention Program. Water Board staff have confirmed receipt of the letter and there are plans to discuss at the next Bay Area Stormwater Management Agencies Association (BASMAA) meeting on May 28.
 - Funding Opportunities – Fabry provided updates on several funding solicitations:
 - EPA Water Quality Improvement Fund – This solicitation closed on May 13. There were 13 applications submitted requesting \$18 million in funds from \$5.9 million available.
 - CNRA Urban Flood Protection and Urban Greening Grant Programs – the California Natural Resources Agency has updated its solicitations for the Urban Flood Protection and Urban Greening Grant Programs. The Urban Flood Protection Grant Program has \$87.5 million available for two cycles, and applications are due June 15. The Urban Greening Grant Program has approximately \$28.5 million available with applications due July 15.
 - Prop 1 Stormwater Grant Round 2 – This is the second of two rounds of funding under the State Water Resources Control Board. There is approximately \$100 million available in this round and the solicitation closes on July 2.

- Coastal Conservancy grant programs – There is a Central/South Coast grant solicitation, for which San Mateo County projects are eligible, with \$3 million available to fund stormwater related infrastructure projects in the Central Coast area. Applications are due July 31.
- Regional Projects Updates – Fabry provided an update on the three regional projects that are being advanced in San Mateo County, including projects at Red Morton Park (Redwood City), Twin Pines Park (Belmont) and at the I-280/380 interchange (San Bruno). The project in Belmont is being advanced under a separate process run by the City and the Flood and Sea Level Rise Resiliency District with a paired project to restore part of Belmont Creek using Department of Water Resources Funds. The other two projects are being advanced by a joint RFP in collaboration between C/CAG, the County and the Cities of San Bruno and Redwood City. The solicitation includes two pots of funds administered by the California Natural Resources and the US EPA, and the sponsoring cities will enter into contracts with consultants to advance the project designs so that C/CAG is not acting as a pass-through for the funds. C/CAG and the County will be contracting with consultants to do additional project opportunity identification and prioritization with a portion of each pot of funds. The solicitation was released on May 8, with proposals due June 12. There was a pre-proposal webinar for consultants on May 15.
- Other – Fabry provided an update on communications with Regional Water Board staff regarding the Report of Waste Discharge (ROWD) requirements to be submitted in early July in preparation for reissuance of the Municipal Regional Permit. Water Board staff have requested additional information to be included in the ROWDs from each countywide program, including summaries of documents that are not due for submittal until Annual Reports in September. There are plans to further discuss the Water Board staff's request at the upcoming BASMAA Board of Directors meeting on May 28.

5. INFORMATION – Receive an update on C/CAG's Sustainable Streets Master Plan.

Matt Fabry provided a project update on C/CAG's Sustainable Streets Master Plan (SSMP), focusing on the climate change scenario modeling and associated green infrastructure stormwater capture analysis and the results of the project opportunities and prioritization analysis, as detailed in two technical memorandums which will be distributed to the San Mateo County permittees in about a week. Fabry reviewed the goals of the SSMP and the different typologies for categorizing sustainable streets opportunities, including curb extensions/bulbouts at intersections, connectivity projects, streetscape redesigns and frontage improvements for new/redevelopment projects. The prioritization process included evaluating and ranking the identified opportunities from all known transportation planning documents among San Mateo County jurisdictions, as well as new project opportunities based on a geospatial analysis of intersections on arterial or collector streets within a half mile of schools or transit hubs and on streets with low pavement condition indexes. The next step for the prioritization work is to distribute an online viewer of prioritized project opportunities after additional QA/QC, along with the final prioritization technical memorandum and a workbook of the prioritized project lists for existing and new opportunities and a project concept proposal spreadsheet to submit candidates for developing project concepts, for which the project is scoped to develop up to ten. C/CAG staff will be working with the member agencies on selecting up to ten project concepts to support grant opportunities. Fabry also mentioned the deliverables to develop model sustainable streets policies, council resolution and condition of approval documents to support broadscale implementation of sustainable streets and frontage improvements associated with new/redevelopment. These model policy documents will be included as appendices with the Master Plan. The climate change modeling and green infrastructure analysis has been completed and the results and methodology are summarized in a technical memorandum to be distributed with the prioritization memorandum. The downscaled climate modeling was conducted using the median of ten General Circulation Models for two climate forcing scenarios (RCP 4.5 (which characterizes reduced emissions) and RCP 8.5 (which characterizes business as usual green house gas emissions)). The modeling compares historical with projected increases in precipitation and stormwater depth for a six-hour storm and for a variety of return frequencies (2,

5, 10, 25, 50 and 100-year storms) projected out to 2100. The results show significant projected increases in stormwater runoff ranging from 15% to 50% increases depending on storm sizes. The analysis was conducted for the bayside and coast side to help understand the pollutant load reduction benefits and water volume managed benefits of implementing green infrastructure. To evaluate the stormwater capture benefits of green infrastructure under climate change, the green infrastructure scenarios from the San Mateo Countywide Reasonable Assurance Analysis (RAA) were used calculate the percent of increased runoff managed by green infrastructure in future conditions, for both overall watershed runoff and that just associated with roadways/sustainable street projects. Notably, the modeling shows that green streets (excluding new and redevelopment related green infrastructure and regional projects) can manage 100% of projected increased runoff caused by climate change for a 2-year design storm and approximately 40% of projected increased runoff for a 10-year storm. C/CAG staff will distribute the revised climate change modeling and green infrastructure technical memorandum along with the prioritization technical memorandum and associated project review files.

Committee members discussed some of the assumptions in the climate modeling, including the extent to which the models may characterize projected drought conditions. Staff indicated that all 10 global climate models available through the Cal Adapt website have been put through the countywide hydrology model, so although staff is focusing results on the median RCP 8.5 scenario as a blend of hot/cold/wet/dry future conditions, C/CAG has results for all models if needed in the future. Committee members also discussed the potential for other infrastructure like pump stations to handle increased flows under changing climate regimes.

6. INFORMATION – Received update on budget assumptions for the Fiscal Year 2020-21 Countywide Water Pollution Prevention Program budget.

Matt Fabry provided an update the draft Fiscal Year 2020-21 Countywide Water Pollution Prevention Program budget, focusing on assumptions for reduced/modified program starting balance, future revenues and other minor changes. Fabry noted modified assumptions for the starting balance, with reduced funds anticipated from the County property tax roll and the Measure M vehicle registration fee in the current fiscal year. The projected expenditures have also changed slightly from the previous draft budget, with minor increases in staff salaries, administrative overhead, distributions for the rain barrel rebate program, as well as a reduction in funds for consultant services. C/CAG staff plans to bring proposed Task Orders for consultant support to the C/CAG Board in June.

Committee members provided some input on the budget process, including a request to have more detailed information than what is provided in the agenda packet and staff report.

7. Regional Board Report: None.

8. Executive Director’s Report: None.

9. Member Reports: None.

Chair Breault adjourned the meeting at 3:39 p.m.

2019-20 Stormwater Committee Attendance			July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
Agency	Representative	Position												
Atherton	Robert Ovadia	Public Works Director		X	X		X					X	X	
Belmont	Peter Brown	Public Works Director		X	X		X					X	X	
Brisbane	Randy Breault	Public Works Director/City Engineer		X	X		X					X	X	
Burlingame	Syed Murtuza	Public Works Director		O			O					X	X	
Colma	Brad Donohue	Director of Public Works and Planning	C	X	X	C	X	C	C	C	C	X	O	
Daly City	Richard Chiu	Public Works Director	A	X	X	A	X	A	A	A	A	X	X	
East Palo Alto	Kamal Fallaha	City Engineer	N			N		N	N	N	N			
Foster City	Norm Dorais	Public Works Director	C	X	X	C		C	C	C	C	X	X	
Half Moon Bay	Maziar Bozorginia	City Engineer	E	X		E		E	E	E	E		X	
Hillsborough	Paul Willis	Public Works Director	L	X	X	L		L	L	L	L		X	
Menlo Park	Nikki Nagaya	Public Works Director	E	X	X	E	X	E	E	E	E	X	X	
Millbrae	Andrew Yang	Senior Engineer	D			D		D	D	D	D	X	X	
Pacifica	Sam Bautista	Public Works Director/City Engineer			O							X	O	
Portola Valley	Howard Young	Public Works Director		X								X	X	
Redwood City	Saber Sarwary	Supervising Civil Engineer			O									
San Bruno	Jimmy Tan	City Engineer		X	X							X	X	
San Carlos	Steven Machida	Public Works Director		X	X		X					X	X	
San Mateo	Brad Underwood	Public Works Director		X	X		X					X	X	
South San Francisco	Eunejune Kim	Public Works Director												
Woodside	Sean Rose	Public Works Director										X	X	
San Mateo County	Jim Porter	Public Works Director		X	X		X					X	X	
Regional Water Quality Control Board	Tom Mumley	Assistant Executive Officer												

"X" - Committee Member Attended
 "O" - Other Jurisdictional Representative Attended

C/CAG AGENDA REPORT

Date: June 18, 2020

To: Stormwater Committee

From: Matthew Fabry, Program Manager

Subject: Receive an update on preparing Report of Waste Discharge submittal for reissuance of the Municipal Regional Stormwater Permit.

(For further information or questions contact Matthew Fabry at mfabry@smcgov.org)

RECOMMENDATION

That the Stormwater Committee receive an update on preparing Report of Waste Discharge submittal for reissuance of the Municipal Regional Stormwater Permit.

BACKGROUND/DISCUSSION

Provision C.20 of the Municipal Regional Stormwater Permit (MRP) requires Permittees to file a Report of Waste Discharge (ROWD) in accordance with Title 23, California Code of Regulations, no more than 180 days prior to the expiration of the permit (December 31, 2020 for the current permit term). The ROWD includes two primary parts: an Application for Permit Coverage (a brief document certifying application under the next permit) and the ROWD documentation, which includes a list of Program and Permittee priority issues to be addressed in the next permit, a table of links to all relevant regional stormwater projects from the past five years and additional data and reporting information from Permittees to support writing the next permit. The table below provides an overview of the ROWD components:

ROWD Components	ROWD Attachment
Transmittal Letter to SF Bay Water Board from C/CAG Stormwater Program Manager	
Application/Report of Waste Discharge (Form 200)	Attachment 1
List of San Mateo permittees with contacts	Attachment 2
Map of San Mateo Permittee Jurisdictional Boundaries	Attachment 3
C/CAG Joint Powers Agreement showing relationship between C/CAG and permittees	Attachment 4
Program's MRP 3.0 Priority Issues List (by Provision)	Attachment 5
List of Documents included in Attachment 5 – Appendix A	

MRP 3.0 Steering Committee agendas and meeting summaries	Attachment 5 - Appendix A
MRP 3.0 Work Group (C.3, C.4/C.5, C.8, C.10, C.11/12, C.15, Reporting/Tracking, Homelessness) agendas and meeting summaries	
C/CAG and Co-permittee Annual Reports- FY 13-14 through FY 18-19 and standalone documents that were submitted as part of the Program's Annual Reports	
BASMAA Regional Project Reports (previously submitted to WB via Annual Reports)	
Provision C.8 Integrated Monitoring Report	
Provision C.10 Receiving Water Monitoring Final Report	
Permittee 2014 Long Term Trash Load Reduction Plan and amendments submitted as part of the permittee FY 18-19 Annual Reports (Section C.10.d).	
Permittee Trash Load Reduction & Remaining Acres Summary Table	
C/CAG memorandum "Quantitative Relationship between Green Infrastructure Implementation and PCBs/Mercury Load Reduction" (submitted with Program's FY 17-18 Annual Report)	

The ROWD and Application for Permit Coverage are due to the Regional Water Board by July 3 (a holiday, so C/CAG staff is planning to submit on July 2), and C/CAG staff will be requesting approval to submit the materials on behalf of all member agencies by the relevant Duly Authorized Representatives. C/CAG and EOA staff will summarize the ROWD materials being developed, the submittal process, and portions requiring input and support from member agencies, and timing/process for submitting comments on the entire package. The following table details the planned schedule.

Task	Date
Draft MRP 3.0 Issues Table to Stormwater Committee for Review/Comment	15-Jun
Co-permittees to complete information on the Trash Table	17-Jun
Summary presentation on Application/ROWD submittal (Stormwater Committee meeting)	18-Jun
Draft ROWD Package (including all links) to Stormwater Committee for review/comment	22-Jun
Permittee comments due to C/CAG staff on Draft ROWD Package and DAR approval to submit	29-Jun
C/CAG to submit Application/ROWD to Water Board	2-Jul

ATTACHMENTS

1. None