

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, July 18, 2024**

San Mateo County Transit District Office
1250 San Carlos Ave, 2nd Fl. Auditorium,
San Carlos, CA

*****HYBRID MEETING - IN-PERSON AND BY VIDEOCONFERENCE*****

This meeting of the Stormwater Committee will be held in person and by teleconference pursuant to Government Code Section 54953(e). Members of the public will be able to participate in the meeting remotely via the Zoom platform or in person at the location above. For information regarding how to participate in the meeting, either in person or remotely, please refer to the instructions at the end of the agenda.

Join by Zoom Webinar:

https://us02web.zoom.us/j/87242884758?pwd=cHhsazN2SEJrUzJLZzZLUTRocXE4Zz09&device_id=b7f2f83d-b08f-4f8a-b84c-1c80a524b580

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Persons who wish to address the Stormwater Committee 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. Spoken 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. Call to Order, Roll Call, and brief overview of teleconference meeting procedures. | Bogert | No materials |
| 2. Public comment on items not on the Agenda (presentations limited to three minutes). | Breault | No materials |
| 3. ACTION – Nominate and elect a Chairperson and Vice Chairperson for the Stormwater Committee for Fiscal Year 2024-25. | Bogert | Page 1 |
| 4. ACTION – Review and approve May 16, 2024 Stormwater Committee Meeting minutes. | Breault | Pages 2-6 |

5. INFORMATION – Receive stormwater program related information and announcements.	Bogert	Pages 7-10
6. ACTION – Review and approve a recommendation for C/CAG’s Duly Authorized Representative to certify and submit the Regional Receiving Water Trash Monitoring Plan (Version 1.0) and Regional Outfall Trash Monitoring Plan (Version 2.0) to the San Francisco Bay Regional Water Quality Control Board.	Bogert	Pages 11-13
7. INFORMATION – Receive a presentation on Countywide Program water quality monitoring efforts under the reissued Municipal Regional Stormwater Permit (MRP 3.0).	de Berry	Pages 14-15
8. INFORMATION – Receive information and provide input on the development of the San Mateo County One Watershed Framework approach and data inventory	Bogert/Havens	Pages 16-24
9. Regional Board Report	Regional Water Board Staff	No materials
10. Executive Director’s Report	Charpentier	No materials
11. Member Reports	All	No materials
12. Adiourn	Breault	No materials

PUBLIC NOTICING: All notices of C/CAG regular Board meetings, standing committee meetings, and special meetings will be posted at the San Mateo County Court Yard, 555 County Center, Redwood City, 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 Crume at (650) 599-1406 to arrange for inspection of public records.

ADA REQUESTS: Persons with disabilities who require auxiliary aids or services to participate in this meeting should contact Mima Crume at (650) 599-1406 or mcrume@smcgov.org by 10:00 a.m. prior to the meeting date.

PUBLIC PARTICIPATION DURING HYBRID MEETINGS: During hybrid meetings of the C/CAG Stormwater Committee, members of the public may address the Committee as follows:

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 with the Subject line “Stormwater Committee Meeting Comment”.
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. If your emailed comment is received at least 2 hours prior to the meeting, it will be provided to the Committee members, made publicly available on the C/CAG website along with the agenda. Emails received less than 2 hours before the meeting will be provided to the Committee members and included in the administrative record of the meeting as soon as practicable.

Spoken comments will be accepted during the meeting in person and through Zoom. Public comments will be taken first by speakers in person followed by via Zoom. Please read the following instructions carefully:

***In-person participation:**

1. If you wish to speak to the Committee, please fill out a speaker’s slip located on the 2nd floor auditorium side table against the wall. If you have anything that you wish distributed to the Committee and included in the official record, please hand it to the C/CAG staff who will distribute the information to the Committee members and staff.

***Remote participation:**

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 the C/CAG staff or Chair call for the item on which you wish to speak, click on “raise hand.” The Clerk will activate and unmute speakers in turn. Speakers will be notified shortly before they are called on to speak. If calling in via phone, press *9 to raise your hand and when called upon press *6 to unmute.
5. When called, please limit your remarks to the time allotted.

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

Executive Director: Sean Charpentier scharpentier@smcgov.org

Stormwater Committee Staff: Reid Bogert rbogert@smcgov.org

C/CAG AGENDA REPORT

Date: July 18, 2024
To: Stormwater Committee
From: Reid Bogert, Stormwater Program Director
Subject: Nominate and elect a Chairperson and Vice Chairperson for the Stormwater Committee for Fiscal Year 2024-25.

(For further information or questions contact Reid Bogert at rbogert@smcgov.org)

RECOMMENDATION

That the Stormwater Committee (Committee) nominate and elect a Chairperson and Vice Chairperson for Fiscal Year 2024-25.

BACKGROUND/DISCUSSION

The Committee is served by a Chair and Vice Chair for facilitating meetings and working with C/CAG staff on agenda materials and meeting planning. The current Chair, Randy Breault from the City of Brisbane, has been serving in that position since the Committee's inception in February 2013, having been re-elected to the position on multiple occasions. The current Vice Chair is Robert Ovadia from the Town of Atherton, who has served as Vice Chair since 2021. The Committee nominates and elects Chair and Vice Chair positions on an annual basis. There is no term limit on Chair and Vice Chair positions.

In accordance with typical C/CAG Committee procedures, nominations can be solicited from Committee members, including self-nominations, and then a vote held on nominated candidates, with the Chairperson election occurring first.

EQUITY IMPACTS AND CONSIDERATIONS

This item is necessary for the administration/operations of C/CAG.

ATTACHMENTS

None.

C/CAG AGENDA REPORT

Date: July 18, 2024
To: Stormwater Committee
From: Reid Bogert, Stormwater Program Director
Subject: Review and approve the May 16, 2024 Stormwater Committee meeting minutes

(For further information or questions contact Reid Bogert at rbogert@smcgov.org)

RECOMMENDATION

That the Stormwater Committee (Committee) review and approve the May 16, 2024 Stormwater Committee meeting minutes as drafted.

BACKGROUND/DISCUSSION

None.

EQUITY IMPACTS AND CONSIDERATIONS

This item is necessary for the administration/operations of C/CAG.

ATTACHMENTS

1. Draft May 16, 2024 Stormwater Committee Minutes

STORMWATER COMMITTEE

Thursday, May 16, 2024

2:30 p.m.

Draft Meeting Minutes

The Stormwater Committee meeting was held in a hybrid format (i.e., in person and videoconference) pursuant to Government Code Section 54953(e). Committee members met in-person at the 2nd Floor Auditorium of the San Mateo County Transit District in the City of San Carlos. Municipal staff (not part of a legislative body of C/CAG) and members of the public could participate remotely via the Zoom platform or in-person at the location above. Attendance at the meeting is shown in the attached table. In addition to the Committee members, also in attendance were Reid Bogert (C/CAG staff), Sean Charpentier (C/CAG Executive Director), Rachel Bennett (MIG), Sultan Henson (County Sustainability Department), Sarah Deicke (County Sustainability Department), Dolan Shoblo (City of Brisbane), Kaila Jones (City of Menlo Park), Mark Lander (Black and Veatch), Katherine Sheehan (Black and Veatch), Victor Voong (City of Burlingame), Evan Cai (City of San Carlos). Chair Breault called the meeting to order at 2:47 p.m.

1. Call to Order, Roll Call, and a brief overview of teleconference meeting procedures.
2. Public comment on items not on the agenda – No comments were received from the public.
3. INFORMATION – Presentation on the draft C/CAG Strategic Plan framework, including proposed mission, vision, goals, objectives, and performance measures. Rachel Bennett from MIG, Inc. (MIG), the consultant selected to develop the draft Strategic Plan gave an overview of the Plan. This is C/CAG's first Strategic Plan. The following *draft* elements were presented:

Mission statement (why C/CAG exists) – C/CAG provides a collaborative forum for all jurisdictions in San Mateo County to pursue our shared goals for an equitable, accessible, and robust multi-modal transportation network and a climate resilient future.

Vision (C/CAGs place in the desired future) - C/CAG is a leader in innovative and sustainable mobility, climate-resilient infrastructure, clean energy, and balanced land use, while achieving equitable outcomes and improved quality of life for San Mateo County's diverse communities.

Core Values – collaboration, transparency, equity, sustainability, innovation

Goals –

1. Transportation – Plan, fund, implement, and maintain a robust multimodal transportation system that is safe, connected, equitable, accessible, and environmentally sustainable.
- 2. Stormwater Management – Manage stormwater as a resource, meet Regional Stormwater Permit requirements, and reduce climate risk through promotion of green infrastructure and a watershed management approach. FOCUS ON THIS TODAY**
3. Energy, Environment, and Climate – Enhance community resilience to climate change throughout San Mateo County.
4. Land Use and Airport Compatibility – Meet the County's housing and economic development goals while addressing airport safety impacts.
5. Finance and Administration – Secure adequate funding and maintain effective organizational systems to support C/CAG's mission.

Goal 2 Ongoing Responsibilities – Planning (adapt street network, plan and implement multi-benefit GI); operations (manage MRP, explore risk-based integrated water management); funding.

Goal 2 Specific Objectives – Short term (OMP, implement grants, clarify roles, rain barrel rebate program); Medium term (OneWatershed Climate Resilience framework, 3-5 regional multi-benefit projects, Phase II GI tracking and mapping, school infrastructure, obtain sustainable funding); Long term (Sustainable Streets Master Plan implementation, GW recharge goals, OneWatershed

integration with wastewater and water supply, OneWatershed Climate Resilience Program)

Goal 2 Performance Measures – MRP compliance, volume of stormwater captured, completion of regional multi-benefit One Watershed projects, initiate new projects, percentage of jurisdictions with completed stormwater plans

Next Steps - additional presentations, document revision, Administrative Review Draft, Final Plan for C/CAG Board approval (likely end of summer).

Committee members provided specific comments/recommendations and discussion on stormwater funding, clarification of OneShoreline roles/responsibilities and approach to funding, elevation of coastside issues, integration of planning documents, targeted performance measures, and inclusion of stormwater into mission/vision statements.

4. ACTION – The Committee approved the draft March 21, 2024, Stormwater Committee Meeting minutes. Motion: Member Willis (Town of Hillsborough); Second: Member Syed Murtuza (City of Burlingame). Vote: Motion passed unanimously (14:0:0). Note Member Humza transitioned to remote meeting attendance at 3:05 p.m. and a vote was not recorded for the City of Half Moon Bay).
5. ACTION – The Committee approved the Draft Updated SMCWPPP Duly Authorized Representative Policy and approved the recommendation to circulate a Joint Letter to the Regional Water Quality Control Board from SMCWPPP member agencies authorizing C/CAG Duly Authorized Representatives.

As background, the MRP requires that an executive manager of each agency certify documents for submittal or have a duly authorized representative (DAR). The DARs must be authorized in writing to the State and Regional Water Boards and may be a named person or position. In 2010, C/CAG staff were designated as DARs for countywide and regional (e.g., BASMAA) MRP compliance submittals, with the C/CAG NPDES TAC recommending approvals for submittal. When the Stormwater Committee was reconvened in 2012, C/CAG staff switched to requesting approval to submit countywide and regional compliance documents from individual Permittee DARs via email communications. Since 2022, C/CAG member agency staff have maintained their own internal agency DARs for jurisdictional reporting via the Stormwater Multiple Applications for Reporting and Tracking (SMARTS) platform. C/CAG staff identified the need to update the policy because of the new C/CAG member agency (OneShoreline, which does not have a seat on the Stormwater Committee) and the desire to improve efficiency for requesting approvals from C/CAG agency DARs for countywide and regional submittals. The proposed policy changes and new process were presented, including development of a joint letter from the member agencies to the Regional Water Board specifying C/CAG DARs and an updated policy directing staff to bring all proposed countywide and regional compliance submittals to the Stormwater Committee for a recommendation to have C/CAG DARs submit on behalf of the Permittees.

Motion: Member Lee (City of San Bruno); Second: Member Murtuza (City of Burlingame). Vote: Motion passed unanimously (14:0:0).

6. INFORMATION – Received information on the Draft Fiscal Year 2024-25 Stormwater Program Budget. There are no major changes to the program budget from the current fiscal year. The estimated starting balance from the NPDES Fund, Measure M, and AB 1546 combined is \$730k, estimated revenue is \$2.8m, and estimated amount available for expenditures is \$3.53m. There is also a reserve balance of \$120k and \$500k reserved for a potential funding initiative. Fixed administrative costs are \$703k (including second staff person). Fixed Program costs are \$332k (including RMP required contributions). Technical support is \$2.46m, with the allocation among tasks similar to FY 2023-24. The estimated end of year balance/starting balance for FY 2025-26 is \$60k. The estimated amount available for consultant technical support in FY 2025-26 and beyond is approximately \$1.8m, which is considerably lower than the current spending level. Staff plan to finalize the budget for inclusion in the final draft Fiscal Year 2024-25 C/CAG Program Budget

for C/CAG Board adoption in June.

7. INFORMATION – C/CAG staff summarized announcements on stormwater related issues:

- Two contract amendments were approved in April.
- Inspections by Regional Water Board staff related to trash controls have been conducted in seven jurisdictions. They are mostly procedural, confirming that visual assessments match reporting.
- Program staff await RWB comments on the Old Industrial Control Measure Plan (OICMP), but have received positive verbal response, so the Program will begin implementing the investigations described in the OICMP.
- The Program is planning to work with other BAMSC partners to submit a grant application to the EPA's new office overseeing \$50M in funds. If awarded, the funds will offset new PCBs monitoring work required by the OICMP.
- The State Water Board's cost reporting policy, which was developed in parallel to the MRP cost reporting requirements, is out for public review. The Program is planning a remote training for the MRP-required cost reporting program.
- An Asset Management (AM) plan, with templates, is due by September 2025. BAMSC and C/CAG Asset Management Workgroups have been formed to meet this MRP requirement.
- The CASQA Annual Conference will be held October 21-23 in Sacramento. Abstracts due May 20. The Program is planning to submit several abstracts and participate in panel.
- Funding opportunities – There are no new grants on the immediate horizon, but the Program is tracking State Reliance Bonds. It is anticipated that the overall state budget deficit will reduce these funds.

8. Regional Board Report: None.

9. Executive Director's Report: C/CAG is recruiting for several committee vacancies, including two on the Congestion Management and Environmental Quality Committee and one on the Bicycle/Pedestrian Committee. An updated notice will be sent out shortly.

10. Member Reports: None; however, two cities, including San Carlos and San Mateo updated the Committee on the results of their trash device-related Regional Water Board inspections.

11. Chair Breault adjourned the meeting at 3:47 p.m.

May 16, 2024 Stormwater Committee Attendance				
Agency	Representative (Primary or Alternate)	Attendance		
		In-Person	Remote Voting (AB 2449)	Remote Non-voting
Atherton	Robert Ovidia (Vice Chair) - Public Works Director	x		
Belmont	Ray Towne - Interim Public Works Director			x
Brisbane	Randy Breault (Chair) - Public Works Director/City Engineer	x		
Burlingame	Syed Murtuza - Public Works Director	x		
Colma	Brad Donohue - Director of Public Works and Planning			
Daly City	Richard Chiu - Director of Public Works	x		
East Palo Alto	Humza Javed - Director of Public Works	x		
Foster City	Andrew Brozyna - Director of Public Works	x		
Half Moon Bay	Maziar Bozorginia - Director of Public Works			x
Hillsborough	Paul Willis - Public Works Director	x		
Menlo Park	Azalea Mitch - Director of Public Works			x
Millbrae	Ahmad Haya - City Engineer	x		
Pacifica	Roland Yip - Deputy Director of Public Works	x		
Portola Valley	Howard Young - Director of Public Works			x
Redwood City	James O'Connell - City Engineer	x		
San Bruno	Matt Lee - Director of Public Works	x		
San Carlos	Steven Machida - Director of Public Works	x		
San Mateo	Matt Fabry - Director of Public Works	x		
South San Francisco	Eunejune Kim - Director of Public Works	x		
Woodside	Yaz Emrani - Director of Public Works			
San Mateo County	Ann Stillman - Director of Public Works	x		
Board	Watershed Management Supervisor			

X - primary or designated alternate representative

O - "other" agency representative/non-voting (see meeting minutes for "other" attendees)

C/CAG AGENDA REPORT

Date: July 18, 2024

To: Stormwater Committee

From: Reid Bogert, Stormwater Program Director

Subject: Receive stormwater program related information and announcements

(For further information or questions contact Reid Bogert at rbogert@smcgov.org)

RECOMMENDATION

That the Stormwater Committee (Committee) receive stormwater program related information and announcements.

BACKGROUND/DISCUSSION

C/CAG's Stormwater Committee provides policy and technical advice and recommendations to the C/CAG Board of Directors and direction to technical subcommittees on all matters relating to stormwater management and compliance with associated regulatory mandates from the State Water Resources Control Board and San Francisco Bay Regional Water Quality Control Board. Staff provides regular updates on information regarding stormwater compliance and other Countywide Stormwater Program activities, as detailed below for the months of March through April.

1) C/CAG Board updates:

- June:
 1. Approved f Resolution 24-28 authorizing the C/CAG Executive Director to execute Task Order EOA-17 with EOA, Inc. for an amount not to exceed \$2,460,000 for technical support services to the Countywide Stormwater Program for Fiscal Year 2024-25.
 2. Approved Resolution 24-27 authorizing the C/CAG Executive Director to execute an agreement with BAWSCA for an amount not to exceed \$75,000 from Fiscal Year 2024-25 through Fiscal Year 2026-27 to fund the Rain Barrel Rebate Program.

- 2) FY 2023-24 Annual Reports: The Fiscal Year 2023-24 Annual Reports for the Municipal Regional Stormwater Permit are due on September 30, 2024 via the Stormwater Multiple Applications for Reporting and Tracking System (SMARTS). The Countywide Program has circulated the SMCWPPP FY23-24 Annual Report guidance package to the Stormwater Committee and NPDES Technical Advisory Committee (and subcommittee distribution lists) including a guidance memo and reporting schedule, along with the SMCWPPP specific

Annual Report forms, cover letter and certification statement templates and SMARTS guidance. The materials are also available on the permittees section of the program website - <https://www.flowstobay.org/permittees/annual-report-guidance/>. As detailed in the guidance memo, permittees should plan to provide draft Annual Reports for review by EOA to Koby Nguyen at knguyen@eoainc.com by no later than August 30. It is also important to have current Legally Responsible Persons (LRP)/Duly Authorized Representatives (DAR) linked to your respective SMARTS account for Annual Report certification and submittal, which can take up to a week or two to complete if a new LRP needs to be linked to an account and for an e-authorization form to be sent to and approved by the State Water Resources Control Board. See the SMARTS guidance document for details. There will be no Annual Report Training this year, but staff are available for questions and support.

- 3) Regional Water Board staff trash inspections: Following the FY22-23 Annual Report review process, Water Board staff initiated conducting inspections of full trash capture devices and other trash control programs in San Mateo County and the other MRP countywide program jurisdictions in the Bay Area. Every San Mateo County permittee (except for OneShoreline) has been contacted for inspections. Two jurisdictions have received draft inspection reports, which the Regional Water Board will subsequently post on the Stormwater Multiple Applications for Reporting and Tracking System (SMARTS). Program staff are available for questions regarding this process for any future inspections and inspection reports.
- 4) PCBs Old Industrial Control Measures Plan: Provision C.11/12.c requires permittees to implement or cause to be implemented treatment control measures, stormwater diversion to wastewater treatment facilities, redevelopment (provided GSI is implemented in compliance with Provision C.3.b), or other control measures to achieve PCBs load reduction. San Mateo County permittees must collectively achieve a load reduction of 81 grams/year (or via controls addressing an equivalent 445 acres) by the end of the permit term. The Countywide Program submitted to the Regional Water Board the revised SMCWPPP PCBs Old Industrial Control Measures Plan (OICMP) on March 29, in accordance with the request for submitting revised plans from Water Board staff in October 2023. The revised OICMP proposes a two-pronged approach for achieving the load reduction goals, and associated resources to support the enhanced program:
 1. Targeted implementation program – description of ongoing, enhanced, and new actions that target OI areas located in stormwater catchments containing known or suspected PCBs source areas or evidence of moderately to highly elevated PCBs based on monitoring data.
 2. Other non-targeted implementation program – opportunistic implementation of control measures in OI areas that have yet to be verified as “low concentration” or “moderate to high concentration” catchments through monitoring data; control measures may include Green Stormwater Infrastructure, trash controls and high flow proprietary media-based filtration systems.

Regional Water Board staff have provided preliminary feedback on the revised OICMP and has requested that SMCWPPP modify the calculations for estimated load reductions achieved through provision C.12.c by removing the estimated load reductions associated with new source properties (high concentration sites) that would be remediated through the Source

Property and Abatement Program (Provision C.12.b). In order to achieve the overall load reduction target, program staff are developing revisions to the estimations and assumptions on other control measures planned to achieve the target and will submit the modified calculations to Regional Water Board staff accordingly after review/input from the SMCWPPP OI Landuse Workgroup. The Countywide Program has also initiated right of way sediment sampling in several jurisdictions starting this month as part of the enhanced monitoring program.

- 5) Cost Reporting Updates: Provision C.20 requires each Permittee to annually prepare and submit a fiscal analysis of the costs incurred to implement MRP requirements, beginning with the 2025 Annual Report (i.e., for FY 2024-25). Following approval by the Bay Area Municipal Stormwater Collaborative (BAMSC) Steering Committee approval in March, the final Bay Area Cost Reporting Framework and Guidance Manual were submitted to the Regional Water Board on March 29. In parallel, State Water Board STORMS unit has developed a draft State Cost Reporting Policy for tracking and reporting municipal NPDES stormwater permit compliance costs at the state level. The State Water Board issued a notice for public comment on the Revised Cost Reporting Policy and associated Draft Cost Reporting Guidance on May 9, with comments due July 9 and a hearing scheduled for July 25. C/CAG staff developed a comment letter to the State Water Board with input from the MRP Implementation Ad-hoc Workgroup of the Committee and submitted the letter on July 9. The SMCWPPP comment letter general supports the comment letter submitted by the California Stormwater Quality Association, but further emphasizes the request for clarity of the intent and purpose for the Cost Reporting Policy and also requests that there not be a duplicative reporting process at the State and MS4 permit scale for municipal stormwater permittees that already have cost reporting requirements that are deemed consistent with the State Policy. To support the initial MRP reporting in Fiscal Year 2024-25, the Countywide Program will host a cost reporting workshop on July 24 from 10 a.m. to noon and the workshop will be recorded and posted on www.flowstobay.org for those who cannot attend.
- 6) Unfunded State Mandates: On July 9, the Commission on State Mandates (Commission) issued a draft decision for public comment on the unfunded state mandate test claims (10-TC-02, 10-TC-03, and 10-TC-05) related to the initial San Francisco Bay Municipal Regional Stormwater Permit (MRP), which became effective in 2009 (Order No. R2-2009-0074). The claimants for the test claims are the City of Dublin, the County of Santa Clara and the City of San Jose. The City of Brisbane had submitted a test claim at the same time, which was later withdrawn after having been deemed incomplete by the Commission. As detailed in the draft proposed decision by the Commission, the test claims are proposed for partial approval. To be considered an unfunded state mandate, State law or executive orders must require new or increased levels of service for local government programs without commensurate state funding. The above claimants submitted test claims for provisions C.2, C.8, C.10 and C.11/C.12. Public comments are due in writing by July 30 and a hearing is scheduled for September 27. Also on July 9, the Commission released public notice for the Commission's approval of an extension request from the Regional Water Board and State Water Board on the comment period for the Test Claim regarding the reissued MRP (Order No. R2-2022-0018, 22-TC-07, as modified by Order No. R2-2023-0019), filed by the City of Union City. This test claim covers many new provisions in the reissued permit including

subprovisions within C.3, C.5, C.8, C.11, C.12, C.15, C.17, C.20 and C.21. The extension was approved to September 16, 2024 with a tentative hearing date on May 23, 2025.

- 7) **Funding Opportunities:** The Countywide Stormwater Program continues to track and evaluate funding opportunities to support program developments and C/CAG’s member agencies with opportunities to fund local stormwater projects and programs. The California Grants Portal is a useful resource to track statewide and regional funding opportunities - <https://www.grants.ca.gov/>. The following includes currently open solicitations related to stormwater management:
- **Local Transportation Climate Adaptation Program (LTCAP Cycle 2)** – The CA Transportation Commission is developing the FY2024-25 guidelines for the Cycle 2 LTCAP, which funds climate resilience-based transportation improvements funding under the Infrastructure Investments and Jobs Act and newly created Promoting Resilient Operations for Transformative, Efficient, and Cost-saving Transportation (PROTECT) program. The PROTECT program has \$252 million available over five years through 2026. Call for projects opened at the end of June and nominations for projects are due August 30, 2024 - <https://catc.submittable.com/submit>.
 - Fiscal Year 2024-25 State and Federal Funding – The State Legislature passed a Climate Bond (SB 867 - Allan), which is tied to an Education Bond for the November ballot. The Climate bond includes \$10B for climate resilience and adaptation projects with a specific callout for stormwater, though the relative allocation to stormwater funding is disproportionately low compared to other allocations and relative to the identified need and priority for stormwater infrastructure across the state (\$110M for stormwater and \$100M for urban greening).

EQUITY IMPACTS AND CONSIDERATIONS

None.

ATTACHMENTS

None.

C/CAG AGENDA REPORT

Date: July 18, 2024

To: Stormwater Committee

From: Reid Bogert, Stormwater Program Director

Subject: Review and approve a recommendation for C/CAG's Duly Authorized Representative to certify and submit the Regional Receiving Water Trash Monitoring Plan (Version 1.0) and Regional Trash Outfall Monitoring Plan (Version 2.0) to the San Francisco Bay Regional Water Quality Control Board

(For further information or questions contact Reid Bogert at rbogert@smcgov.org)

RECOMMENDATION

That the Stormwater Committee (Committee) review and approve a recommendation for C/CAG's Duly Authorized Representative to certify and submit the Regional Receiving Water Trash Monitoring Plan (Version 1.0) and Regional Trash Outfall Monitoring Plan (Version 2.0) to the San Francisco Bay Regional Water Quality Control Board.

BACKGROUND/DISCUSSION

The reissued Municipal Regional Stormwater Permit (MRP; Order No. R2-2022-0018) administered by the San Francisco Bay Regional Water Quality Control Board (Regional Water Board), includes expanded water quality monitoring requirements related to the long-term trash load reduction goals. Provision C.8.e directs Permittees to conduct trash monitoring at stormwater outfalls and in receiving waters to address the following management and monitoring questions:

Management Questions:

1. Have Permittees' trash management actions effectively prevented trash from their jurisdictions from discharging to receiving waters?
2. Are discharges of trash from areas within Trash Management Areas controlled to a low trash generation level causing and/or contributing to adverse trash impacts in receiving waters?

Monitoring Questions:

1. What is the trash condition and approximate level of trash (volume, type, and size) within and discharging into receiving waters in areas that receive MS4 runoff controlled to a low trash generation via the installation of full trash capture devices, or the implementation of other trash management actions equivalent to full trash capture systems?
2. Does the level of trash in the receiving water correlate strongly with the conditions of the tributary drainage area of the MS4?

To address these questions in compliance with Provision C.8.e.v, the MRP Permittees and Countywide Programs represented through the Bay Area Municipal Stormwater Collaborative (BAMSC) developed the Regional Trash Outfall Monitoring Plan (Trash Outfall MP) and Regional Receiving Water Trash Monitoring Plan (Receiving Water Trash MP) as regional MRP compliance submittals to the Regional Water Board. As required by the MRP, the Trash Outfall MP (Version 1.0) addressing the outfall monitoring component of MRP Provision C.8.e.v was submitted to the Regional Water Board for Executive Officer (EO) approval on July 31, 2023. On August 31, 2023, the Regional Water Board EO conditionally approved the Outfall Trash MP (Version 1.0), requiring that an updated version with changes be submitted in the subsequent year along with the Receiving Water Trash MP due to the Regional Water Board by July 31, 2024.

The participating MRP Countywide Programs (including Alameda Countywide Clean Water Program (ACCWP), Contra Costa Clean Water Program (CCCWP), Santa Clara Valley Urban Runoff Pollution Prevention Program (SCVURPPP), San Mateo Countywide Water Pollution Prevention Program (SMCWPPP) and Solano Stormwater Alliance (SSA)) developed the Outfall Trash MP through Program in-kind contributions as a project of regional benefit via the BAMSC. The Receiving Water Trash MP and associated monitoring, which will commence in fall 2024, are being funded by the US Environmental Protection Agency San Francisco Bay Water Quality Improvement Fund Grant, being managed by SMCWPPP to implement the BAMSC *Watching Our Watersheds Regional Trash Monitoring Project*.

Both the Trash Outfall MP (Version 2.0) and Receiving Water Trash MP (Version 1.0) and associate Quality Assurance Project Plans (QAPPs) for each plan have been reviewed by the Regional Trash Monitoring Technical Advisory Group (TAG) formed in 2023 and by Permittees and the partnering Countywide Programs participating in these monitoring efforts (including SMCWPPP's Watershed Assessment and Monitoring Subcommittee). All TAG and Permittee/Countywide Program comments have been addressed in the final monitoring plans and QAPPs.

With a Committee recommendation for C/CAG's Duly Authorized Representative to certify and submit the monitoring plan documents on behalf of the San Mateo County Permittees (pending any minor edits requested to the monitoring plan documents requested by July 19), C/CAG's Stormwater Program Director will plan to sign the certification document, which will be included with the proposed email transmittal of the monitoring plan documents from the BAMSC Co-Chairs to the Regional Water Board by July 31, 2024.

The certified email transmittal will include the following documents:

Trash Outfall Monitoring:

1. Regional Trash Stormwater Outfall Monitoring Plan (version 2.0)
2. Regional Trash Stormwater Outfall Monitoring QAPP

Trash Receiving Water Monitoring:

1. Regional Trash Receiving Water Monitoring Plan (version 1.0)

2. Regional Trash Receiving Water Quality Assurance Project Plan (QAPP)

EQUITY IMPACTS AND CONSIDERATIONS

Trash and litter impacts often disproportionately impact lower income and historically underserved communities. While the Regional Trash Monitoring efforts described above do not directly address environmental justice impacts or the complications of unsheltered population impacts on water quality and receiving waters in the Bay Area (especially related to litter/debris), the monitoring does include trash characterization from sampling events, and the associated data and reporting will provide additional analysis of types and sources of stormwater runoff related trash/litter discharges.

ATTACHMENTS

The following attachments are available on the C/CAG website (*See “Additional Agenda Materials” for the relevant Stormwater Committee meeting*) at: <https://ccag.ca.gov/committees/stormwater-committee/>

1. Regional Trash Stormwater Outfall Monitoring Plan (Version 2.0)
2. Regional Trash Stormwater Outfall Monitoring QAPP
3. Regional Trash Receiving Water Monitoring Plan (Version 1.0)
4. Regional Trash Receiving Water Quality Assurance Project Plan (QAPP)

C/CAG AGENDA REPORT

Date: July 18, 2024

To: Stormwater Committee

From: Reid Bogert, Stormwater Program Director

Subject: Receive a presentation on Countywide Program water quality monitoring efforts under the reissued Municipal Regional Stormwater Permit (MRP 3.0).

(For further information or questions contact Reid Bogert at rbogert@smcgov.org)

RECOMMENDATION

That the Stormwater Committee (Committee) receive a presentation on Countywide Program water quality monitoring efforts under the reissued Municipal Regional Stormwater Permit (MRP 3.0).

BACKGROUND/DISCUSSION

The reissued Municipal Regional Stormwater Permit (MRP; Order No. R2-2022-0018, or “MRP 3.0”) administered by the San Francisco Bay Regional Water Quality Control Board (Regional Water Board), includes overall expanded water quality monitoring requirements from the prior permit term. New requirements include Low Impact Development (LID) and trash control effectiveness monitoring, as well as Receiving Water Limitations (RWL) monitoring for a large suite of chemical constituents at outfalls flowing into receiving waters. The majority of pre-MRP 3.0 monitoring requirements also remain in place during the current permit, including pollutants of concern and pesticides and toxicity monitoring, as well as additional monitoring associated with new programs being developed to identify and prioritize catchments primarily in old industrial landuse areas for controlling polychlorinated biphenyls (PCBs). The Countywide Stormwater Program continues to implement most MRP related monitoring requirements on behalf of the San Mateo County permittees, which has been identified by the Stormwater Committee as a compliance priority for the program over the years.

Program consultants will summarize MRP Provision C.8 monitoring requirements, FY 2023-24 accomplishments, and ongoing challenges. The presentation will focus on new requirements under MRP 3.0: LID Effectiveness monitoring and Trash monitoring.

EQUITY IMPACTS AND CONSIDERATIONS

The MRP does not include water quality monitoring requirements related to equity issues.

ATTACHMENTS

None.

C/CAG AGENDA REPORT

Date: July 18, 2024

To: Stormwater Committee

From: Reid Bogert, Stormwater Program Director

Subject: Receive information and provide input on the development of the San Mateo County OneWatershed Framework approach and data inventory

(For further information or questions contact Reid Bogert at rbogert@smcgov.org)

RECOMMENDATION

That the Stormwater Committee (Committee) receive information on and provide input on the development of the San Mateo OneWatershed Framework approach and data inventory.

BACKGROUND/DISCUSSION

C/CAG's Countywide Stormwater Program is leading a \$650,000 multi-agency grant with funding from the Governor's Office of Planning and Research under the Integrated Climate Adaptation and Resilience Program (ICARP) Adaptation Planning Grant Program for the *San Mateo County OneWatershed Climate Resilience Framework and Community-Led Plan* project (the Project).

The proposed OneWatershed Framework is intended to establish a methodology for evaluating the shared-risk of climate impacts to water infrastructure (stormwater, sewer, water supply) and watershed resources at a subwatershed scale in San Mateo County, and builds on years of work led by the various partners on the project, including the County's Sea Level Rise Vulnerability Assessment, OneShoreline's resilience planning and flood reduction projects, the Bay Area Water Supply and Conservation Agency's Water Supply Reliability Round Table, Climate Resilient Communities' Climate Change Community Team model and the Countywide Stormwater Program's efforts in multi-benefit stormwater infrastructure planning and implementation. The overall goal of this effort is to leverage relevant climate hazard and watershed asset data to further advance a model for equitable and collaborative integrated watershed management to address climate hazard exposure risks, to identify the highest priority/most at-risk service areas in the county through a shared-risk analysis, and to pilot the developed framework in a community-led OneWatershed Climate Resilience Plan for the San Bruno Creek Watershed.

The Project is being overseen by the Project Team (including the partnering agencies and organizations – C/CAG (Countywide Stormwater Program), Climate Resilient Communities, OneShoreline, County of San Mateo (Sustainability Department), City of San Bruno, City of

South San Francisco (South San Francisco-San Bruno Regional Water Quality Control Plant) and Geosyntec Consultants (primary consultant). There are also two primary advisory committees helping inform the deliverables, including the Technical Advisory Committee (TAC) with representatives from water and climate adaptation related agencies and organizations and an Equity Priority Community Workgroup (EPC Workgroup) with representatives from community based and other non-profit organizations with an interest in equitable climate resilience in San Mateo County. To-date, the Project Team has developed a Project Work Plan, Community Engagement Plan, OneWatershed Data Inventory/webviewer and OneWatershed Framework Approach Memo, documenting the proposed process and data for conducting the countywide shared risk analysis.

Staff and consultants will provide a verbal presentation to and solicit input from the Committee on the development of the initial proposed OneWatershed Framework approach and the OneWatershed Data Inventory (available via the following link: http://54.183.214.51/maps/SMC_project_prioritization).

EQUITY IMPACTS AND CONSIDERATIONS

The ICARP and Adaptation Planning Grant Program emphasize reducing climate risk to the most vulnerable and underserved communities. The *OneWatershed Framework and Community-Led Plan* project addresses this primary goal through partnership with Climate Resilient Communities (CRC), a community based organization working to increase the adaptive capacity of communities in San Mateo County through a community-centered engagement process. The OneWatershed Framework and countywide shared risk assessment will include vulnerable community demographic data to identify broad scale areas of shared risk in the County. The OneWatershed Framework approach also proposes to include CRC's community vulnerability assessment model for conducting a community scale vulnerability assessment as part of the pilot San Bruno Creek OneWatershed Climate Resilience Plan.

ATTACHMENTS

1) OneWatershed Framework Approach Memo

The following attachments are available on the C/CAG website (*See "Additional Agenda Materials" for the relevant Committee Meeting*) at: <https://ccag.ca.gov/committees/stormwater-committee/>

- 2) OneWatershed TAC Charter
- 3) OneWatershed EPC Workgroup Charter
- 4) OneWatershed Project Workplan
- 5) Community Engagement Plan

Revised Draft Memorandum

Date: June 3, 2024
To: OneWatershed Project Technical Advisory Committee and Equity Priority Community Workgroup
Copies to: Reid Bogert, C/CAG, OneWatershed Project Management Team
From: Kelly Havens, Principal, and Megan Otto, Principal, Geosyntec Consultants
Subject: OneWatershed Framework Development Approach Memorandum
Geosyntec Project Number: CWR0888

1. OBJECTIVE OF MEMORANDUM

In 2023, the City/County Association of Governments of San Mateo County (C/CAG) received a California Integrated Climate Adaptation and Resilience Program (ICARP) Adaptation Planning Grant Program grant to develop and pilot the OneWatershed Framework, an equitable climate adaptation approach focused on integrated watershed management.

Watershed related climate risks in San Mateo County include flooding due to sea level rise and extreme precipitation, water supply stress due to hydrologic drought, emergent groundwater, and urban heat. Underserved and vulnerable communities in San Mateo County are at disproportionate risk of climate impacts.

In collaboration with the OneWatershed Project partners, C/CAG is developing the OneWatershed Framework as a method to assess the regional and shared-risk of climate change to water infrastructure and resources (sewer, water, and stormwater) and develop opportunities to build adaptive capacity to climate impacts for the most vulnerable communities. The OneWatershed Framework is intended to define a collaborative structure that can be used on a longer-term basis to advance equitable watershed-based climate resilience in San Mateo County. The OneWatershed Framework Report, developed through the ICARP grant funding by the end of 2024, will conceptually define the goals, processes, data analyses, and stakeholder communication/outreach needs that can be used to understand the shared risk of climate impacts for water infrastructure at the watershed scale and develop and advance climate resilience projects that target those impacts. The Report will be developed with input from the OneWatershed Project Technical Advisory and Equity Priority Committee.

The approach presented in the OneWatershed Framework Report will be piloted in the San Bruno Creek Watershed and used to develop the San Bruno Creek Community-Led OneWatershed Climate Resilience Plan.

This OneWatershed Framework Development Approach Memorandum describes the data, statewide guidance, local plans, and other assessment frameworks and additional considerations from initial research, literature review and findings that will be used to inform the process of developing the OneWatershed Framework and documenting the approach in the OneWatershed Framework Report.

2. INPUTS TO ONEWATERSHED FRAMEWORK DEVELOPMENT

The data, guidance and plans, and proposed community vulnerability assessment approach (led by Climate Resilient Communities) that will guide the development of the OneWatershed Framework are each summarized in the following subsections.

2.1 Data Used

To evaluate County-wide climate-related “shared risk” or risk exposure of OneWatershed assets (focusing on stormwater/flood/sewer/water supply infrastructure), a geospatial analysis will be conducted to identify where assets are co-located with climate impact driver risk factors. This analysis requires geospatial information system (GIS) data to complete. GIS data compiled for the OneWatershed Framework includes stormwater infrastructure (e.g., storm drains, catchments, outfalls, watershed boundaries, etc.), groundwater resources (e.g., groundwater basins, etc.), wastewater infrastructure (e.g., wastewater treatment facilities), water reclamation facilities, water supply infrastructure (e.g., reservoirs, dams, etc.), social vulnerability (e.g., disadvantaged/underserved communities, etc.), and climate impact projections (e.g., extreme heat, hazard risk data, erosion hazard, sea level rise, etc.). The data have been compiled in the OneWatershed [Web Viewer](#) and is described in the OneWatershed Data Inventory, which is attached to this memorandum (Attachment A).

The data coverage will inform the geographic extent of the Countywide data analyses used to develop the OneWatershed Framework. The available geospatial coverage of climate risk data and impact probabilities and magnitude available in associated studies will inform the climate shared-risk logic-based analyses approach. A OneWatershed Infrastructure Shared-risk Analysis approach will describe the methods proposed to estimate climate impact shared risk based on identified and available prioritized asset, community, risk data. This will be developed as a section of the OneWatershed Framework Report.

The geospatial data compiled in the Web Viewer and described in Attachment A will be used to complete the countywide climate shared-risk analyses. Note that the OneWatershed Framework is intended to create a high-level assessment of shared climate risks to watershed infrastructure throughout San Mateo County. As outlined in the project scope of work, the OneWatershed Framework will be piloted in the San Bruno Creek watershed, and separate watershed-specific data is expected to be researched, requested, and compiled as part of the pilot application. The watershed-specific data gathering exercise will attempt to fill some of the data gaps identified at the countywide scale.

2.2 Guidance and Plans

In addition to geospatial data, described in the previous section, existing guidance, plans, and studies will be reviewed to inform the OneWatershed Framework. This will entail review of completed climate adaptation and resilience planning efforts, especially those that are collaborative across multiple departments, agencies, jurisdictions, and/or community groups and developed to drive community-scale integrated resilience planning and implementation. The OneWatershed Framework approach development will incorporate relevant methods, information, and processes from completed, relevant climate risk analysis studies that examine OneWatershed infrastructure Countywide or include climate risk related strategies.

The Guidance and Plans that will be reviewed include:

- San Mateo County Sea Level Rise Vulnerability Assessment (San Mateo County 2018)
- San Mateo County Multijurisdictional Local Hazard Mitigation Plan (San Mateo County 2021)
- San Mateo County Community Climate Action Plan (San Mateo County 2022)
- San Mateo County Sustainable Streets Master Plan (C/CAG 2021)
- SF Environment and SFPUC Climate Action Plan Water Supply Addendum (SF Environment & SFPUC 2023)
- BAWSCA’s Long-Term Reliable Water Supply Strategy (BAWSCA 2015)
- Publicly Owned Treatment Works Climate Resilience Survey (San Francisco Regional Water Quality Control Board 2021)
- San Francisco Bay Conservation and Development Commission (BCDC) Adapting to Rising Tides Portfolio (BCDC 2020)
- California Adaptation Planning Guide (California Governor’s Office of Emergency Services 2020)
- California’s Water Supply Strategy (CNRA et al. 2022)
- California Water Plan Update (CNRA et al. 2023)
- Draft California Sea Level Rise Guidance (CA OPC et al. 2024)
- Draft California Climate Adaptation Strategy (CNRA 2024)
- 2023 Drinking Water Needs Assessment (SWRCB, 2023)
- Climate Resilience Framework Recommendations Report (City of Toronto, 2019)
- Sonoma Water Climate Adaptation Plan (Sonoma Water, 2021)

In addition to the guidance and plans that will inform the OneWatershed Framework approach, watershed-based plans will be referenced for the San Bruno Creek pilot to compile previously identified project opportunities. These will include but not be limited to:

- City of San Bruno Green Infrastructure Plan (City of San Bruno 2019)
- Draft City of San Bruno Climate Action Plan (City of San Bruno 2012)
- City of San Bruno Storm Drain Master Plan (City of San Bruno 2014)
- San Bruno Creek/Colma Creek Resiliency Study (SFO 2015)
- The San Francisco Estuary Institute’s San Francisco Bay Shoreline Adaptation Atlas (SFEI & SPUR 2019)
- San Mateo County Stormwater Resource Plan (SMCWPPP 2017)
- Advancing Regional-Scale Stormwater Management in San Mateo County (SMCWPPP 2022)

These guidance, plans, and studies will be reviewed to establish the analyses that have been completed thus far. The project team will work with the OneWatershed Technical Advisory Committee (TAC) and Equity Priority Community (EPC) Workgroup to develop the “next steps” that could be implemented through the OneWatershed Framework to progress completed planning and analysis efforts towards implementation of OneWatershed climate resilience solutions.

2.3 Community Vulnerability Assessment Approach

The OneWatershed Framework will incorporate a Community Vulnerability Assessment to gather information from community members and provide the community-scale front line data on risk and exposure to inform the OneWatershed Community-Led Plan in the San Bruno Creek Watershed. The Community Vulnerability Assessment output will be used to understand community sensitivity to climate risks, potential impacts from climate risks, and the community’s existing adaptive capacity. The Community Vulnerability Assessment is a key component of the overall proposed OneWatershed Framework approach.

Project team member Climate Resilient Communities (CRC) will conduct a Community Vulnerability Assessment for the pilot application in the San Bruno Creek Watershed. The Community Vulnerability Assessment will delve more deeply into climate- and water-related impacts and concerns in the community through engagement with community members and the Climate Change Community Team established for the watershed. Information will be gathered through the assessment, including population characteristics; work, travel, and water consumption patterns; water-related environmental exposures and risks; and geographic and water infrastructure amenities.

The Geosyntec Team will consult with CRC during the development of the OneWatershed Framework to establish how the Community Vulnerability Assessment results will be integrated

with the climate shared-risk analyses. During the pilot phase, the output specific to the San Bruno Creek watershed will also be discussed with CRC to determine how best to integrate the geospatial output with the community information.

3. NEXT STEPS

This Revised Draft OneWatershed Framework Approach memorandum, [Web Viewer](#), and Data Inventory (Attachment A) will be reviewed by the Technical Advisory Committee and the Equity Priority Community Workgroup. Comments from these committee members will be integrated into in a Final version of this memorandum, and considered as the OneWatershed Infrastructure Shared-risk Analysis report section is developed in Summer 2024.

The OneWatershed Framework will be fully described in the OneWatershed Framework Report, scheduled to be completed in Fall of 2024. This Report will describe the development of the OneWatershed Framework, how vulnerable OneWatershed infrastructure assets will be identified and recommendations for how agencies in San Mateo County can better work across sectors and with local communities to identify and prioritize watershed-specific mitigation measures, or OneWatershed Climate Resilience Projects through locally developed OneWatershed studies and action plans.

4. REFERENCES

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- SMCWPPP. 2022. *Advancing Regional-Scale Stormwater Management in San Mateo County: Regional Collaborative Program Framework White Paper – FINAL*. Prepared by Geosyntec Consultants, Inc. and Kieser & Associates, LLC for City/County Association of Governments, SMCWPPP, Redwood City, CA. January.
- Sonoma Water. 2021. *Sonoma Water Climate Adaptation Plan*. Prepared by Jacobs. October.

ATTACHMENT A

Refer To Excel File:

OneWatershed_Data Inventory Log_Draft_060324. xlsx