

**STORMWATER COMMITTEE**  
**Regular Meeting**  
**Thursday, January 19, 2017**  
**2:30 p.m.**

**Meeting Minutes**

The Stormwater Committee met in the SamTrans Offices, 1250 San Carlos Avenue, San Carlos, CA, 2<sup>nd</sup> floor auditorium. Attendance at the meeting is shown on the attached roster. In addition to the Committee members, also in attendance were Sandy Wong (C/CAG Executive Director), Matt Fabry (C/CAG Program Manager), Reid Bogert (C/CAG Stormwater Program Specialist), Jon Konnan (EOA, Inc.), Steve Carter (Paradigm Consultants), Azalea Mitch (Menlo Park), Phil Erickson (CD+A), John Fuller (Daly City), Dale Bowyer (Regional Water Board), Sandy Mathews (LWA), Steve Machida (San Mateo), Ahmad Haya (Redwood City) and Richard Chiu (Daly City). Chair Breault called the meeting to order at 2:35 p.m.

1. Public comment: None

2. C/CAG staff Matt Fabry provided an update on issues relevant to the Committee from the previous C/CAG Board meetings:

- November – The Board approved the appointment of Ray Towne, Interim Public Works Director, to represent the City of South San Francisco on the Stormwater Committee.
- December – The Board approved the draft Countywide Stormwater Resource Plan and authorized C/CAG’s Executive Director to release it for public review and comment.

3. ACTION – The draft minutes from the August 18 and November 17 2016 Stormwater Committee meetings were unanimously approved as drafted (motion: Oskoui, second: Walter).

4. INFORMATION – Fabry provided announcements on the following stormwater issues:

- Proposition 1 stormwater grant award recommendations – the City of Redwood City and the City of San Mateo worked with C/CAG to submit individual applications, each with multiple projects. These projects are included in the countywide Stormwater Resource Plan. Daly City also separately submitted a Proposition 1 application. The following was awarded:
  - City of Redwood City – Redwood City Sustainable Streets - \$608,099
  - City of San Mateo – City of San Mateo Sustainable Streets and Parking Lot - \$630,031
  - City of Daly City – Vista Grande Drainage Basin Improvement Project - \$10,000,000
- The California State Coastal Conservancy has Bay Area-specific Proposition 1 funding for a competitive grant program for urban greening. Matching funds are not required but would strengthen an application. Proposed stormwater capture projects need to be part of a Stormwater Resource Plan.
- Unfunded mandate test claims on Municipal Regional Permit (MRP) requirements – staff provided a brief update on the current status of the unfunded mandate test claims pending action by the State Commission on Mandates
- Caltrans trash Notice of Violation – the Regional Water Board issued a Notice of Violation to Caltrans for failure to achieve adequate progress on addressing trash issues in the Bay Area as required under the Caltrans statewide stormwater permit.

- A free two day “Watershed University” will be held on March 14 and 15 in Oakland and provide opportunities to learn about current challenges in water, flood, and emergency management. A flyer was available as a handout.

5. ACTION – Fabry and Steve Carter (Paradigm Environmental) provided a presentation on the status of the Countywide Stormwater Resource Plan (SRP). The goal was obtain approval from the Committee for the approach to responding to comments on the draft SRP. C/CAG contracted with Paradigm Environmental (via subcontract to Larry Walker Associates) to develop the SRP in accordance with requirements promulgated in SB 985 and guidance from the State Water Board. SRPs are now required in order to compete for voter-approved bond funds for stormwater or dry weather capture projects. On October 17, C/CAG released an administrative draft of the SRP to its member agencies for review, with comments due November 11. C/CAG staff has presented various pieces of the SRP to the Stormwater Committee during previous meetings, including at the November 2016 Committee meeting at which the Committee voted to recommend to the C/CAG Board approval of the revised Administrative Draft as a public review draft. The C/CAG Board acted on the Stormwater Committee’s recommendation at its December 8 meeting, approving the draft SRP for release for public review and comment through January 13. Given that several Proposition 1 stormwater grant proposals from San Mateo municipalities were recommended for funding by the State Water Board in early December, staff needs to address comments from the public, finalize the SRP, and submit it to the State Water Board by March 1 to ensure those proposals remain eligible for funding.

Fabry and Carter provided an overview of the three public workshops held in early January on the draft SRP and the comments received during the public comment period. The workshops were held in Menlo Park, Millbrae, and Pacifica. Public participants were generally educated and engaged. Fifty-three comments were received from 23 individuals or agencies. The most substantial comment was from the San Mateo County Resource Conservation District, which requested that the green infrastructure screening be expanded to included private parcels in addition to public parcels, since they would like to encourage green infrastructure on private parcels. Staff’s proposed response is to not expand the screening at this time, but to add a discussion of the benefits of doing so in the text of the SRP. Next steps include:

- Revise the document consistent with the approved approach and prepare a response to comments.
- Bring to C/CAG’s Congestion Management and Environmental Quality Committee on January 30.
- Bring the final draft SRP to the C/CAG Board February 9 with a recommendation for approval.
- Submit to Bay Area IRWMP.
- Submit to State Water Board by March 1.

Committee member Jim Porter noted that maintenance of green infrastructure facilities is problematic due to a lack of funding and this committee should discuss in the future how to develop funding. Fabry noted that the SRP states project will be built as funding becomes available and that approval of the SRP does not obligate agencies to move forward with any projects. However, the local agency green infrastructure plans required by the MRP will have targets that will drive projects. A paragraph about funding issues will be added to the draft SRP.

The Committee unanimously approved staff's approach to responding to the comments on the draft SRP (motion: Oskoui, second: Porter).

6. INFORMATION – Carter provided a presentation on the status of Reasonable Assurance Analysis (RAA), including associated watershed and pollutant modeling efforts (PCBs and mercury). C/CAG contracted with Paradigm Environmental to perform a RAA in accordance with MRP requirements to demonstrate local agency Green Infrastructure Plans will achieve mandated load reductions in mercury and PCBs within prescribed timelines. Paradigm Environmental is developing models to support the RAA and green infrastructure planning. Carter reviewed the modeling approaches including development of hydrologic and pollutant loading and stormwater capture models for San Mateo County, progress made to-date to calibrate the models, and preliminary modeling results. Carter noted the models will eventually be used for green infrastructure optimization but separate RAA work will be needed to address other types of controls (e.g., source controls such as managing PCBs in building materials during demolition). Carter will continue to work with C/CAG staff and the Committee to vet the modeling assumptions as the models are further developed and calibrated. Other next steps include:

- Complete PCB load reduction analysis.
- Separate loads from MS4-permitted urban areas from open space and other NPDES permitted areas.
- Project phased load reduction associated with green infrastructure based on new loading estimates.
- Initiate SUSTAIN modeling of LID (C.3) and green infrastructure.
- Identify modeling scenarios to support C/CAG key decisions.

Committee members noted that the TMDL allocations are Bay-wide and asked about RAA results from other Bay Area counties. Fabry noted San Mateo County is out ahead and other counties have not started yet.

7. INFORMATION – Fabry and Phil Erickson (Community Design + Architecture) provided a presentation on initial assumptions and preliminary results for projecting future new and redevelopment acreage in San Mateo County. As part of the MRP requirements to achieve specified load reductions in mercury and PCBs by the end of the permit term and 2040 via green infrastructure, it is important to understand how much green infrastructure is anticipated to occur on private lands via new and redevelopment in accordance with Provision C.3 requirements in the MRP. C/CAG contracted with Community Design + Architecture (CD+A) to support member agencies in developing Green Infrastructure Plans, and part of that support is to develop projections for the amount of new and redevelopment likely to occur during these timeframes.

Erickson summarized the initial assumptions used to develop these projections. The approach includes using data related to both supply of and demand for lands areas for new and redevelopment. It utilizes demographic data for new households and jobs from the Countywide Transportation Plan. These data are distributed to more than 350 Traffic Analysis Zones (TAZs) and are already reviewed and approved by local agency staff. Erickson then summarized the preliminary projection results.

Underlying assumptions for these projections are important and C/CAG staff wants to ensure municipal buy-in before finalizing the approach. As such, staff plans to distribute the assumptions to all member

agencies for review and comment, including discussion at the January 25 meeting of SMCWPPP's Green Infrastructure Committee and seeking formal Stormwater Committee approval at a future meeting. The data will then be provided to Paradigm Consultants for use in the RAA.

8. INFORMATION – Fabry and Carter provided a presentation on modeling assumptions for stormwater management features for RAA modeling. The MRP requires Permittees to develop RAAs demonstrating Green Infrastructure Plans will achieve specified mercury and PCBs load reductions by the end of the permit term and 2040. To do this, C/CAG's consultant, Paradigm Environmental, will be modeling numerous green infrastructure implementation scenarios to establish the most cost-effective combination of controls that will achieve San Mateo County's share of the mandated load reduction. This requires informed decisions regarding the specific design features and cost functions of the types of stormwater controls being modeled.

Paradigm Environmental staff developed a memorandum (attached to the agenda package for today's meeting) describing the proposed assumptions that will be used to represent BMP simulation processes in the RAA model representing San Mateo County watersheds. Carter provided a brief overview of the memorandum. C/CAG staff wants to ensure municipal buy-in before finalizing the modeling approach. As such, staff will distribute the memorandum to all member agencies for review and comment, and seek formal Stormwater Committee approval at a future meeting.

9. Regional Board Report: Dale Bowyer noted that Regional Water Board staff appreciates that C/CAG is getting out ahead in the Bay Area on RAA efforts and he believes other Bay Area counties will hasten to follow.

10. Executive Director's Report: NONE.

11. Member Reports: NONE.

Chair Breault adjourned the meeting at 4:11 p.m.