

# C/CAG

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

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

**1:15 PM, Thursday, September 21, 2017**

**San Mateo County Transit District Office<sup>1</sup>  
1250 San Carlos Avenue, 2<sup>nd</sup> Floor Auditorium  
San Carlos, California**

### STORMWATER (NPDES) COMMITTEE 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 C/CAG Board meetings: <ul style="list-style-type: none"><li>• July – Receive no-cost time amendments to EOA and Urban Rain Design task orders.</li><li>• September – Presentation on Countywide Program Highlights for Fiscal Year 2016-17</li><li>• September – Appointment of Khee Lim to Stormwater Committee</li></ul> | Fabry            | No materials |
| 3. ACTION – Review and approve June 15 Stormwater Committee meeting minutes  | Fabry            | Pages 1-4    |
| 4. INFORMATION – Announcements on stormwater issues <ul style="list-style-type: none"><li>• SB 231 on Governor Brown’s desk</li><li>• Annual Reports</li><li>• Unfunded Mandates</li><li>• Stormwater Permit Fees</li><li>• Other</li></ul>  | Fabry            | Verbal       |
| 5. INFORMATION – Receive survey results on member agency plans for performing stormwater business inspections in 2018  | Fabry            | Page 5-7     |
| 6. INFORMATION – Receive presentation on PCBs annual reporting, including preliminary quantification of load reductions to-date and projections for MRP 2.0 permit term  | Fabry/<br>Konnan | Page 8       |
| 7. INFORMATION – Receive presentation on current status of developing a Reasonable Assurance Analysis and modeling green infrastructure scenarios  | Fabry/<br>Carter | Pages 9      |
| 8. Regional Board Report   | Mumley           | No Materials |
| 9. Executive Director’s Report   | Wong             | No Materials |
| 10. Member Reports   | All              | No Materials |

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<sup>1</sup> For public transit access use SamTrans Bus lines 390, 391, 292, KX, PX, RX, or take CalTrain to the San Carlos Station and walk two blocks up San Carlos Avenue. Driving directions: From Route 101 take the Holly Street (west) exit. Two blocks past El Camino Real go left on Walnut. The entrance to the parking lot is at the end of the block on the left, immediately before the ramp that goes under the building. Enter the parking lot by driving between the buildings and making a left into the elevated lot. Follow the signs up to the levels for public parking. Persons with disabilities who require auxiliary aids or services in attending and participating in this meeting should contact Mima Guilles at 650 599-1406, five working days prior to the meeting date.

## **C/CAG AGENDA REPORT**

Date: September 21, 2017  
To: Stormwater Committee  
From: Matthew Fabry, Program Manager  
Subject: Review and approve June 15, 2017 Stormwater Committee meeting minutes  
(For further information or questions contact Matthew Fabry at 650 599-1419)

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### **RECOMMENDATION**

Review and approve June 15, 2017 Stormwater Committee meeting minutes, as drafted.

### **ATTACHMENTS**

1. Draft June 15, 2017 Minutes

**STORMWATER COMMITTEE**  
**Regular Meeting**  
**Thursday, June 15, 2017**  
**2:30 p.m.**

**DRAFT 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), Sandy Mathews (LWA, C/CAG Consultant), Jon Konnan and Chris Sommers (EOA, C/CAG Consultant), Steve Carter (Paradigm Environmental, C/CAG Consultant), Azalea Mitch (Menlo Park), Grant Ligon (City of San Mateo), and Breann Liebermann (San Mateo County Office of Sustainability). Chair Breault called the meeting to order at approximately 2:45 p.m.

1. Public comment: None

2. C/CAG staff Matt Fabry summarized stormwater-related issues from the June C/CAG Board meeting, including approval of a no-cost extension to the rain barrel rebate program with the Bay Area Water Supply and Conservation Agency, and authorization for the C/CAG Executive Director to execute task orders with Eisenberg, Olivieri, and Associates, Larry Walker and Associates, and S. Groner Associates for support to the Countywide Program during Fiscal Year 2017-18.

3. ACTION – The draft minutes from the April 20, 2017 Stormwater Committee meeting were unanimously approved as drafted (motion: Walter, second: Donohue).

4. INFORMATION – Announcements on stormwater issues: Fabry informed the Committee that the Bay Area Stormwater Management Agencies Association (BASMAA) is implementing a regional compliance support project to evaluate infrastructure for the presence of PCBs (polychlorinated biphenyls), including roadway and storm drainage systems. Fabry indicated C/CAG would be reaching out to member agencies to solicit volunteer agencies that have relevant infrastructure from the right vintage to be considered for sample collection. Fabry requested agencies evaluate whether they have the types of infrastructure in question and could support C/CAG and BASMAA in identifying appropriate sample collection opportunities in order to meet requirements in the Municipal Regional Permit (MRP).

5. INFORMATION – Fabry introduced Chris Sommers from EOA to provide a presentation on the current status of member agencies in meeting trash load reduction requirements. Sommers summarized the key MRP trash requirements, showed an example of agency trash generation maps, provided details on the extent of full trash capture device installations in the County (over 3,100 acres treated, for more than 30% total load reduction), summarized on-land visual assessment results used to verify effectiveness of trash control measures other than full capture (over 1,100 assessments performed to-date by EOA on behalf of member agencies on more than 200 miles of streets/sidewalks, verifying approximately 20% trash load reduction countywide), indicated most member agencies are receiving maximum 10% reduction credit for source control actions (e.g., plastic bag and polystyrene foam food ware ordinances), detailed varying reduction credits among agencies for additional creek and shoreline cleanups, and provided projections for member agency compliance with the MRP's mandated 70% trash load reduction by July 1, 2017 (11 of 21 already >70%, 9 installing additional full capture devices and likely to achieve 70%, and 1 with plans to install full capture but likely needing more time to meet 70%). Sommers also summarized the MRP requirement to begin implementing a receiving water monitoring program with regard to trash, the BASMAA program developed to meet this requirement, and plans for the Countywide

Program to begin implementing the monitoring program in San Mateo County in October on behalf of member agencies, and reminded agencies of the Countywide Program's Litter Work Group that is engaged with city and waste hauler staffs to work on trash issues associated with the solid waste pickup and hauling process.

6. INFORMATION – Fabry introduced Steve Carter with Paradigm Environmental to provide a presentation on the current status of developing a Reasonable Assurance Analysis (RAA) for implementing green infrastructure. Carter reminded Committee members of the RAA process, including development of the countywide calibrated hydrology/pollutant transport model and subsequent evaluation of green infrastructure scenarios to meet mandated pollutant load reductions in the MRP. He summarized the recent BASMAA RAA guidance and indicated the Countywide Program approach was consistent with the finalized guidance. He discussed the issue of which areas to include/exclude from the RAA analysis (e.g., non-urban areas upstream from dams, facilities with their own stormwater permits, etc.) and summarized the process of establishing baseline loads and interpreting mandated reduction goals in the context of modeled sediment loads. He gave an overview of the green infrastructure modeling process, estimated area treated by new/redevelopment through 2040, and prioritized stormwater capture opportunities from the Countywide Stormwater Resource Plan. He then went discussed proportional (each area does an equal share) vs. targeted (targeted implementation in certain areas optimizes cost-benefit) implementation and showed a preliminary example using data for the City of South San Francisco that achieved approximately 15% savings for targeted vs. proportional implementation. Carter indicated the RAA modeling parameters were still being finalized and that he would provide more details at a future meeting.

7. ACTION – Fabry presented on the draft C/CAG Safe Routes to School/Green Streets Infrastructure Pilot program. The program is intended to fund cost effective integrated improvements within the public right-of-way that increase safety for children walking and biking to school, while also improving water quality, and enhancing the pedestrian environment. Matt provided an overview of the call for projects, funding details (\$2 million in equal shares of Safe Routes and stormwater funds), and eligible projects. Committee members raised concerns regarding the proposed limitations on what project elements were eligible for inclusion and recommended staff allow cities to decide what project elements to include and demonstrate an equal share between Safe Routes and stormwater elements. Committee member Oskoui motioned to recommend approval by the C/CAG Board of the call for projects with revisions to allow member agencies to demonstrate no greater than a 60/40 split in costs between Safe Routes and stormwater elements as part of grant proposals. Committee member Donohue seconded and the Committee voted unanimously to approve.

8. Regional Water Board Report: NONE.

8. Executive Director's Report: NONE.

11. Member Reports: Chair Breault indicated his desire to hold elections for Chair and Vice Chair at a future meeting.

Chair Breault adjourned the meeting at 3:48 p.m.

2017 Stormwater Committee Roster			Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Agency	Representative	Position												
Atherton	Marty Hanneman	City Engineer				O								
Belmont	Afshin Oskoui	Public Works Director	X		X	X		X						
Brisbane	Randy Breault	Public Works Director/City Engineer	X		X	O		X						
Burlingame	Syed Murtuza	Public Works Director	X		X	O		O						
Colma	Brad Donohue	Director of Public Works and Planning	X	C		X	C	X						
Daly City	John Fuller	Public Works Director	O	A	X	X	A	X						
East Palo Alto	Kamal Fallaha	City Engineer		N	X		N							
Foster City	Jeff Moneda	Public Works Director	X	C	X	X	C	X						
Half Moon Bay	Denice Hutten	Associate Engineer		E		X	E	X						
Hillsborough	Paul Willis	Public Works Director	X	L	X	X	L	X						
Menlo Park	Justin Murphy	Public Works Director	X	E	X	X	E	X						
Millbrae	Vacant		O	D			D							
Pacifica	Van Ocampo	Public Works Director/City Engineer	X			X		X						
Portola Valley	Howard Young	Public Works Director			X									
Redwood City	Saber Sarwary	Supervising Civil Engineer	X		X									
San Bruno	Jimmy Tan	City Engineer			X	X		X						
San Carlos	Jay Walter	Public Works Director	X		X	X		X						
San Mateo	Brad Underwood	Public Works Director				X		X						
South San Francisco	Eunejune Kim	Public Works Director	X			X								
Woodside	Sean Rose	Public Works Director	X		X			X						
San Mateo County	Jim Porter	Public Works Director	X		X	X		X						
Regional Water Quality Control Board	Tom Mumley	Assistant Executive Officer	O											

"X" - Committee Member Attended

"O" - Other Jurisdictional Representative Attended

## **C/CAG AGENDA REPORT**

Date: September 21, 2017  
To: Stormwater Committee  
From: Matthew Fabry, Program Manager  
Subject: Receive information on member agency plans for implementing stormwater business inspections.

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

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### **RECOMMENDATION**

Receive information on member agency plans for implementing stormwater business inspections.

### **FISCAL IMPACT**

N/A

### **SOURCE OF FUNDS**

N/A

### **BACKGROUND**

Seventeen cities in San Mateo County have signed agreements with County Environmental Health (Environmental Health) to conduct industrial and commercial inspections pursuant to the Municipal Regional Permit (MRP). At the March Stormwater Committee meeting, Environmental Health staff informed Committee members that Environmental Health would be terminating stormwater inspection agreements with the cities at the end of the 2017 calendar year due to cost-recovery concerns. C/CAG staff sent a survey to member agencies to better understand what cities are planning in terms of taking on stormwater inspections as of January 1, 2018. Survey results are attached.

### **ATTACHMENTS**

1. Business Inspection Survey Results

SMCWPPP Business Inspection Survey - Aug 2017

Municipality	Does CEH currently conduct some, or all, of your stormwater inspections?	Does your agency staff conduct stormwater inspections at facilities CEH does not inspect?	Do you have a plan for maintaining compliance after contracts with CEH are terminated in December 2017?	Do you currently have staff resources to conduct all C4 inspections?	Would your agency be open to multi-jurisdictional partnership for contracting C4 inspections?	Does your agency have the ability to charge and collect inspection fees?
Belmont	Yes	Yes – agency staff have always conducted SW inspections	We are exploring different options, such as contracting SW inspections out or teaming with a neighboring agency to get a contractor to conduct these inspections. Another option is to do inspections in-house but there are staff limitations.	Not really. If one inspector is going to be dedicated to doing C4 inspections, the CIP projects will suffer.	Yes, of course, that would be our dream wish!	Most likely
Menlo Park	Yes	Yes – agency staff will begin some SW inspections this FY	Yes - contracting with a private consulting company	No	Yes!	Not sure
Atherton	Yes	No – agency staff have never conducted SW inspections	Yes - will perform all inspections with agency staff	Yes	Yes	Yes
Burlingame	Yes	Yes – agency staff have always conducted SW inspections	Yes - contracting with a private consulting company	No	Yes	mechanism to collect fees for inspections of existing businesses such as the ones that the County currently performs.
Daly City	No	Yes – agency staff have always conducted SW inspections	Yes - will perform all inspections with agency staff	Yes	No	Our inspection fees are already recovered through our sewer rates.
Foster City	Yes	Yes – agency staff will begin some SW inspections this FY	No, still developing plan	Partially, issue is back-up and training. If we have an Eng. Tech trained, might not be here when the next round of inspections are scheduled.	We would certainly consider it.	Not at this time.
Redwood City	Yes	Yes – agency staff will begin some SW inspections this FY	Currently, we are planning on performing all inspections with agency staff. However, we would be interested in contracting with another agency such as SVCW.	We may have staff resources to conduct all C4 inspections.	Yes	Yes
East Palo Alto	Yes	Yes – agency staff have always conducted SW inspections	Yes - will perform all inspections with agency staff	We have modified our Code Enforcement team's directives to include stormwater compliance and they are cross-training for this new duty. This will be the first year and we will most likely require expansion of the Code Enforcement team to accommodate this new set of requirements, however, they also cover business license and other inspection efforts along with the stormwater compliance requirements.	No, we want to keep it in-house at this time.	Yes, the fees are within the Fee Schedule, which includes full cost recovery for a one-time, one-hour inspection fee.
County Environmental Health Division	Yes	Yes – agency staff have always conducted SW inspections	Yes - will perform all inspections with agency staff	Yes	NA	Yes

Municipality	Does CEH currently conduct some, or all, of your stormwater inspections?	Does your agency staff conduct stormwater inspections at facilities CEH does not inspect?	Do you have a plan for maintaining compliance after contracts with CEH are terminated in December 2017?	Do you currently have staff resources to conduct all C4 inspections?	Would your agency be open to multi-jurisdictional partnership for contracting C4 inspections?	Does your agency have the ability to charge and collect inspection fees?
Hillsborough	Yes	Yes – agency staff have always conducted SW inspections	No, still developing plan	No	Yes	Depends on the project and site location
Colma	Yes	Yes – agency staff have always conducted SW inspections	No, still developing plan	No. Currently, Town staff conduct 15 inspections per year, but the total number of businesses which are C.4 regulated is 122, which means that roughly 40 inspections will be required per year (assuming all sites are medium priority). This would require additional staff time. Each inspection takes approximately 1-2 hours to complete.	Yes, the Town is planning to discuss options with South San Francisco and Daly City.	Not currently, but we would like to discuss what other cities are doing (amending their master fee schedule, adding ordinances, modifying their business license fee, etc.) to come up with a plan. Currently, the Town is amending the master fee schedule, and hopes that inspection costs can be recovered from the businesses.
Half Moon Bay	Yes	Yes – agency staff have always conducted SW inspections	Yes - contracting with a private consulting company	We contract stormwater inspections with a private consulting company, CSG.	We would consider partnership. We are very satisfied with the services of Mark Lander's team from CSG and plan to continue with them.	We are investigating this
Pacifica	Yes	Yes – agency staff will begin some SW inspections this FY	Yes - contracting with a private consulting company	No	Yes	Yes
Brisbane	Yes	Yes – agency staff have always conducted SW inspections	Yes - will perform all inspections with agency staff	Yes, but they will be diverted from other duties unless and until we establish an inspection fee for businesses that can be used to support hiring another person.	Maybe	Yes
City of San Mateo	No	Yes – agency staff have always conducted SW inspections	Yes - will perform all inspections with agency staff	Yes	Yes	Yes
San Carlos	Yes	Yes – agency staff will begin some SW inspections this FY	No, still developing plan	No	Yes	No
Millbrae	Yes	No – agency staff have never conducted SW inspections	No, still developing plan	No. I am currently the laboratory and source control supervisor and have only 1 inspector dedicated to our pretreatment program. We inspect about 90 businesses a year on an annual basis.	Yes	Not sure. When we do a pretreatment inspection which includes a storm water inspection we do not charge for it.

## **C/CAG AGENDA REPORT**

Date: September 21, 2017

To: Stormwater Committee

From: Matthew Fabry, Program Manager

Subject: Receive presentation on PCBs annual reporting, including preliminary quantification of load reductions to-date and projections for MRP 2.0 permit term

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

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### **RECOMMENDATION**

Receive presentation on PCBs annual reporting, including preliminary quantification of load reductions to-date and projections for MRP 2.0 permit term.

### **BACKGROUND**

The Municipal Regional Permit (MRP) requires specific reductions in PCBs (polychlorinated biphenyls) by the end of the permit term (2020) and at an interim point (June 30, 2018), and further specifies a portion of the 2020 load reductions be achieved via green infrastructure. There is also a requirement for a specific mercury load reduction via green infrastructure by 2020. The MRP anticipated use of an Interim Accounting Methodology during this permit term in advance of permittees developing more robust load reduction accounting and tracking methodologies during the permit term as part of the required Reasonable Assurance Analyses. EOA has been working with C/CAG member agencies to account for all green infrastructure implemented in San Mateo County to-date and the associated load reductions using the Interim Accounting Methodology. In addition, EOA has been working to identify other potential load reduction opportunities, including identification of potential source properties that could be referred for cleanup to appropriate regulatory agencies. EOA staff will present preliminary load reductions quantified to-date and projections, all calculated via the Interim Accounting Methodology, and compare to the various MRP load reduction requirements. All of this information is also included in the Countywide Program's draft Annual Report that is currently out for review by municipal staff and due at the end of September.

### **ATTACHMENTS**

None

## **C/CAG AGENDA REPORT**

Date: September 21, 2017  
To: Stormwater Committee  
From: Matthew Fabry, Program Manager  
Subject: Receive presentation on current status of developing a Reasonable Assurance Analysis and modeling green infrastructure scenarios.

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

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### **RECOMMENDATION**

Receive presentation on current status of developing a Reasonable Assurance Analysis and modeling green infrastructure scenarios.

### **FISCAL IMPACT**

N/A

### **SOURCE OF FUNDS**

N/A

### **BACKGROUND**

The Municipal Regional Permit (MRP) requires Reasonable Assurance Analyses (RAA) to demonstrate mercury and PCB (polychlorinated biphenyls) load reductions will be achieved via green infrastructure and the other control measures. Paradigm Environmental has been developing the RAA for C/CAG's member agencies and will provide a status update, including finalization of the countywide hydrology and sediment transport model, incorporation of regionally developed Event Mean Concentrations based on land use for mercury and PCBs, and ongoing efforts to model green infrastructure load reduction scenarios.

### **ATTACHMENTS**

None