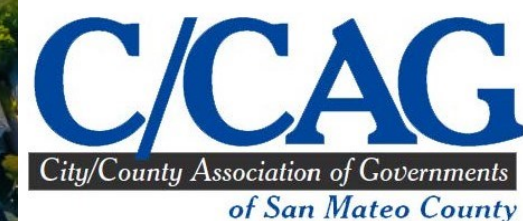




# Stormwater Committee Presentations

C/CAG Stormwater Committee Meeting, October 17, 2024





# Item 1 – Call to Order/Roll Call/Hybrid Zoom Procedures



# Item 2 – Public Comment



# Item 3 (ACTION) – Review and approve September 19, 2024 Stormwater Committee Meeting minutes



**Item 4 (ACTION) – Review and approve recommendation for C/CAG’s DAR to certify and submit the Revised Regional LID Monitoring and QAPP**



# Revised Regional LID Monitoring Plan/QAPP

Action: Approval of a recommendation for C/CAG's DAR to certify and submit the Revised Regional LID Monitoring Plan and QAPP to the Regional Water Board on behalf of the San Mateo Permittees

## Process:

- Revised MP and QAPP circulated to SWC and SMCWPPP WAM Subcommittee
- Comments due Oct 16 (none received from SMCWPPP agencies)
- Minor edits to be made to update materials/analysis methods and other comments received
- BAMSC to submit via email transmittal on Oct 31



# Revised Regional LID Monitoring Plan/QAPP

## Summary of Primary Changes in Revised LID MP/QAPP:

### LID Monitoring Plan

- New Section 1.6 – LID Monitoring Plan Revisions, further documenting monitoring elements in the Plan
- Section 1.7 – Adaptive Management revised to clarify potential monitoring changes that might occur and Regional Water Board approval process
- Section 3.2.1 – Clarification of storm criteria
- Section 3.2.3/5 - Replacement of soil moisture monitoring and exfiltration tests with water level monitoring for water balance
- New Section 3.3.2 – Assessment of Maintenance Effects Upon Facility Performance
- Section 12 – Clarifications and details added to Data Evaluation
- New Section 12.3 – Regional Analysis
- New Attachment D – Regional Field Blank SOP

### QAPP

- Addition of dissolved mercury
- Clarification of PFAS analytical method
- Addition of pour blanks (Section 14.5) and procedural blanks (Section 14.6)
- Addition of end of sampling year procedural blanks for Year 1
- Addition of Corrective and Preventative Action Reports (CPARs) in response to incidents of non-conformance (Section 14.8)



# Revised Regional LID Monitoring Plan/QAPP

Action: Approval of a recommendation for C/CAG's DAR to certify and submit the Revised Regional LID Monitoring Plan and QAPP to the Regional Water Board on behalf of the San Mateo Permittees





# Item 5 (INFORMATION) – Receive presentation on FY 2024-25 SMCWPPP Outlook



# EOA Team Scope of Work for FY 2024-25

## Municipal Stormwater NPDES Permit Compliance Assistance

C/CAG Stormwater Committee  
October 17, 2024



# EOA Team

- **EOA, Inc** - Prime
- **Paradigm Environmental** – GI Modeling
- **Geosyntec Consultants** – GI Coordination
- **Kinnetic Environmental** – Field Monitoring
- **SGA Marketing** – Public Outreach



# FY 2024-25 Tasks & Budget

SMC611	General Technical Support	\$161,986
SMC612	Subcommittee Support	\$144,648
SMC613	Training	\$39,968
SMC614	GI and Regional Collaborative Program Planning	\$285,649
SMC615	Public Information and Outreach	\$163,136
SMC616	Annual Reporting	\$68,305
SMC617	Water Quality Monitoring	\$882,975
SMC618	Trash Load Reduction	\$358,816
SMC619	PCBs and Mercury Load Reduction	\$252,806
SMC620	Exempted and Conditionally Exempted Discharges	\$17,579
SMC621	Unsheltered Populations	\$37,437
SMC622	Cost Reporting	\$5,012
SMC623	Asset Management	\$19,988
SMC624	Overall Contingency	\$21,695
<b>TOTAL</b>		<b>\$2,460,000</b>

# Subcommittee Support & Trainings, FY 24-25

## Subcommittees (n=# of meetings)

- Municipal Maintenance(n=1)
- New Development & Construction (n=2)
- Commercial/Industrial/Illicit Discharge (n=2)
- Trash (n=4)
- Watershed Assessment & Monitoring (n=1)
- Parks & IPM (n=1)
  - Pesticide Effectiveness Evaluation Report (due September 30, 2025)
- Public Information (n=0, 4 quarterly updates from SGA)

## Trainings/Workshops (n=2)

- Municipal Maintenance (C.2.h)
- Construction (C.6)

**Subcommittees** and **Trainings** help Permittee staff understand MRP requirements & provide compliance materials, such as SMCWPPP Annual Report and guidance documents or checklists.

# GI and Regional Collaborative Program Planning

- Ongoing maintenance & updates to GI Tracking Tool
- Update RAA Model (LSPC/SUSTAIN) – *for March 2026 submittal*
  - Need for regional coordination on model update specifics (level of effort)
  - Consideration of RMP Watershed Dynamic Model (regional, \$2.5M grant)
- Ongoing GI education and outreach (EOA & SGA)
- Regional Workgroup Participation (EOA & Geosyntec)
  - Workgroup Advancing Regional Projects (WARP)
  - SMCWPPP GI tracking and Orange Memorial Park (OMP) accounting
  - BAMSC Long-Term GI Implementation Technical Working Group

# Public Information and Outreach (SGA)

- Website maintenance (flowstobay.org)
- SMCWPPP social media (Facebook, Instagram)
- Outreach material development and production
  - Digital (social media content, newsletters, blogs)
  - Physical (community event giveaways, print ads, fact sheets, mail)
- Events
  - Two Rain Barrel distribution events (Dec 7<sup>th</sup> and 14<sup>th</sup>)
  - Point-of-Purchase outreach, 12 stores (IPM materials)
  - 2 X Rain garden/rain barrel workshops
- School-age outreach (School yard greening program: 2 X rain barrel installations, presentations)
- GI Education and outreach
- Need for website content updates (not part of current scope)
- Evaluate potential funding options (e.g., Ballot Measure support) (with SCI Consulting Group)



# Water Quality Monitoring

- LID Effectiveness Monitoring
  - Brisbane Safe Routes to School and Green Streets Project
  - ~6 paired (influent and effluent) samples per year
  - Continuous inflow and outflow monitoring through wet season
- Trash Monitoring
  - Collect trash from two outfalls during three storms per year
  - Support EPA-granted funded Watching Our Watersheds (WOW)
    - Receiving water (RW) monitoring (1 station, 3 storms per year)
    - Trash characterization of outfall and RW samples (volume and type)
- Pollutants of Concern Monitoring
  - 65 PCBs/mercury & 5 copper samples during permit term to address multiple information needs (including Source Property ID)
  - Receiving Water Limitations Monitoring in San Mateo Creek (5 samples, many analytes)
- Pesticides & Toxicity Monitoring (1 sampling event per year)
  - Working toward long-term record in Pilarcitos Creek (303d-listed)





# Trash Load Reduction

- **Assistance with Planning for Remaining Trash Load Reductions**
  - Additional planning assistance for SMCWPPP Member Agencies with needed reductions to achieve the 100% goal by June 2025.
- **Trash Load Reduction Assessment Program**
  - Ongoing Implementation of the Countywide On-land Visual Trash Assessment (OVTA) Program
- **Full Trash Capture Device Operation and Maintenance Program**
  - Full Capture O&M Training – Maintenance Tracking and Reporting (in coordination with Asset Management Planning)
- **Assistance with Annual Reporting and Load Reduction Calculations**
  - Trash Load Reduction Dashboard
  - Draft Member Agency Section C.10 Annual Reports
  - Trash Generation Maps (pdf and ArcGIS online)

# PCBs and Mercury Load Reduction

- Load Reduction Tracking Spreadsheets
  - Submitted with FY 23-24 Annual Report
- Implement Old Industrial Control Measure Plan
  - Source property investigations (high and moderate)
    - Map and records review, ROW and private property sampling
    - Assist with enhanced O&M
    - Referrals to Water Board
- Assist with Control of PCBs from Bridges (Caltrans specification)
- Assist with PCBs in Building Demo Program (tracking)
- Planning for RAA and Loads Accounting Update (**due March 2026**)
  - RAA modeling (Paradigm) budgeted under GI Task
- **Regional \$8M EPA WQIF Grant will support mapping, monitoring, O&M, special studies, and TMDL reopener**



# Exempted & Conditionally Exempted Discharges

- BAMSC Regional **Firefighting Discharge Work Group**
  - Two meetings in FY 24/25
- Regional Firefighting Discharge **Report**
  - Due September 30, 2025
- **Outreach materials** on containment and cleanup BMPs/SOPs for contractors hired by private parties to participate in the containment and cleanup of discharges of firefighting water and foam
  - Distributed by September 30, 2025
- **Outreach materials** for sites that are prone to firefighting emergencies regarding good housekeeping practices and preventative measures
  - Distributed by September 30, 2025



# Unsheltered Populations

- Update Unsheltered Homeless Population **Maps**
  - Coordinate with San Mateo County Human Services Agency for 2024 PIT Count data
  - Provide Permittee maps for submittal with September 2025 Annual Reports
- Update **Guidance** on Effectiveness Evaluation of BMPs Implemented
  - Permittee BMP effectiveness evaluation due with September 2025 Annual Reports
  - Reconvene SMCWPPP C.17 Work Group



# Cost Reporting

- **Tasks Completed**

- Completed SMCWPPP-specific Cost Reporting Framework
- Conducted Cost Reporting Training on July 23, 2024
- Distributed Cost Reporting Framework, Guidance Manual, and training materials to Permittee staff

- **On-call Support**

- Provide support to Permittees as they develop their FY 24-25 fiscal analyses and cost reports (as budget allows)
  - FY 24-25 Cost Reports due September 30, 2025

# Asset Management

- **Asset Management Plan Template**
  - Complete template for use by Permittees to develop Asset Management Plans
    - Asset Management Plans to be completed by June 30, 2025, and submitted September 30, 2025
    - Permittees to begin implementation of Asset Management Plans by July 1, 2025
- **Asset Management Work Group**
  - Conduct two Work Group meetings
    - First meeting August 21, 2024; Next meeting October 30, 2024
  - Attend BAMSC Regional Asset Management Work Group as needed
- **On-call Support**
  - Help Permittees with asset management planning (as budget allows)

# Contact

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# Item 6 (INFORMATION) – Receive information on proposed U.S. Environmental Protection Agency Community Change Grant application





# Community Change Grant Application

## Background:

- US EPA Community Change Grant Program has \$2B in Inflation Reduction Act funds for implementation of community-driven climate resilience/pollution prevention projects that directly benefit designated Disadvantaged Communities (DACs)
- Focus on building capacity to address environmental and climate justice challenges with community input
- No match, but projects must be located within or provide direct benefit to designated DACs from the EPA IRA Disadvantaged Communities and Environmental Justice Program Map
- Track 1 - \$10-20M for up to ~150 projects



# Community Change Grant Application

## Background:

- Proposals must include at least one Community Based Organization (CBO) as a lead partner and a Statutory Partner that can be another CBO or a government entity
- The lead CBO and Statutory Partner must enter into a Partnership Agreement as part of the application
- Applications are accepted on a rolling basis, due no later than Nov 21, 2024



# Community Change Grant Application

## C/CAG's Proposal:

- C/CAG is working with Climate Resilient Communities (CRC) on a proposed application for Track 1 to fund several interrelated climate resilience/pollution prevention projects
- Focus on leveraging NOAA application projects
  - OneWatershed strategy
  - Pipeline sustainable streets projects (EPA/Daly City/SSF)
  - Workforce Development Pilot Program
  - Schoolyard greening
- C/CAG will be lead applicant and CRC will be Statutory Partner
  - Additional partners (Canopy, Grass Roots Ecology, Nuestra Casa, YUCA, Green Schoolyards America, County Office of Education, JobTrain, Rescape CA)



# Community Change Grant Application

Preliminary Draft Scope/Budget:

No.	Strategy	Lead	Location	Budget
<b>1 OneWatershed Community Change Infrastructure Planning and Implementation</b>				
a)	Implementation (full or partial) of Sustainable Streets projects in East Palo Alto/Daly City/SSF	C/CAG	EPA/DC/SSF	\$ 5,425,000
c)	San Bruno Walnut Pump Station Retrofit and Creek Restoration	OneShoreline	San Bruno	\$ 5,725,000
e)	San Mateo Countywide OneWatershed Strategic Plan	C/CAG	Countywide	\$ 265,000
<b>2 Community Change Engagement Activities and Pilot Greening</b>				
a)	Expand community capacity-building through rain gardens at residential properties and public sites	CRC	EPA/NFO/RWC/Daly City/San Bruno/SSF	\$ 3,500,000
b)	Schoolyard tree-planting pilot projects/District Resilient Schoolyards Training + Symposium	Canopy/COE/GSA	School Districts in eligible DACs countywide	\$ 2,835,000
<b>3 Community Change Workforce Development Pilot Program</b>				
a)	Pilot Green Workforce Development Program focusing on urban forestry and GSI maintenance	JobTrain/Rescape/Canopy	EPA/Menlo Park Pilot	\$ 1,800,000
<b>4 Grant Management/Administration</b>				
a)	C/CAG Admin	C/CAG		\$ 200,000
b)	Grant Management	C/CAG/Consultant		\$ 250,000
Grant Total				\$ 20,000,000



# Community Change Grant Application

## Next Steps:

- Finalize scope and budget with project partners
- Develop grant application (leveraging EOA Task Order-17 for Fiscal Year 2024-25 not to exceed \$21,500) in partnership with CRC consultant lead
- Execute Partnership Agreement with CRC in November (C/CAG Board approval November 14)
- Submit application no later than November 21 via [grants.gov](https://grants.gov)



# Item 7 (INFORMATION) – Receive stormwater program related information and announcements



# Stormwater Program Announcements

- FY23-24 Annual Reports – All reports submitted by Sept 30 (note – all reports should be submitted via SMARTS even if after the deadline)
- Long-term GSI Technical Workgroup and SMCWPPP NDS
  - Still recruiting for the LTGSI WG
  - Nov 12 NDS will discuss MRP 3.0 GSI target strategy
- State Water Board Cost Reporting Policy (revisions anticipated to largely reflect Bay Area framework)
- City/County of San Francisco v. US Environmental Protection Agency (“Cause or Contribute” Supreme Court case)
- Funding opportunities



# Item 8 – Regional Water Board Report





# Item 9 – Executive Director’s Report



# Item 10 – Member Reports



# Item 11 – Adjourn