

# C/CAG STORMWATER COMMITTEE

**MAY 20, 2021**

**ITEM 1 –  
CALL TO ORDER  
ROLL CALL  
OVERVIEW OF ZOOM PROCEDURES**

# ITEM 2 – PUBLIC COMMENT

# Item 3 – Issues from C/CAG Meetings

May:

- Approved funding agreement extensions with four technical consultants (EOA, LWA, SGA, and URD) through September 30, 2022

# Item 4 – Approval of Minutes

- April 15, 2021 meeting minutes approval

# Item 5 - Announcements

- AB 377 and legislative/budget updates
- Monsanto PCBs lawsuit
- Funding & Financing Ad-hoc Workgroup
- Measure M Strategic Plan Update
- Other

# Item 6 – Approval of Drivers & Objectives Report

# Drivers and Objectives - Definitions

Drivers: Fundamental issues that provide impetus for managing stormwater on a regional scale

Objectives: Desired outcomes from addressing the identified stormwater management drivers on a regional scale

Vision: Cost-effectively implement multi-benefit stormwater infrastructure solutions that collectively minimize localized flooding; improve water quality; increase resiliency to climate change impacts; utilize stormwater as a resource; address regulatory requirements; and serve communities equitably, both locally and regionally.



# Regional Stormwater Management Drivers

## 1. Limited Resources

- Limited resources to maintain infrastructure, meet compliance obligations, fund FSLRRD

## 2. Existing Stormwater Infrastructure Deficiencies

- Undersized storm drain systems in need of repair, localized flooding

## 3. Water Quality Regulations and Protection

- TMDLs and MRP

## 4. Climate Resiliency

- Projected increased storm intensity/associated impacts, increased water stress

## 5. Beneficial Use of Stormwater

- Enhancing water supply

## 6. Equity & Community Engagement

- Disadvantaged and vulnerable communities are often at greater risk for climate impacts and water quality concerns

# Objectives

1. More Efficiently Use Limited Resources
2. Support Improvements to and/or Alleviate Strain on Existing Stormwater Infrastructure
3. Cost Effectively Comply with Water Quality Regulatory Requirements
4. Consider and, Where Appropriate, Design for Projected Future Impacts Resulting from Climate Change
5. Supplement County Water Supply Portfolio with Stormwater Where Feasible
6. Site and Design Projects to Equitably Serve and Protect Communities
7. Consider Local Community Benefits and Concerns in Project Implementation
8. Maximize Other Benefits, Where Possible





# **Recommendation – Approve Drivers and Objectives Report**

# Item 7 – Feedback on Draft Business Case Approach Memo

# Business Case

- *“...to provide a planning level cost-benefit analysis and qualitative assessment that demonstrates why a regional-scale stormwater management approach may provide cost efficiencies and added benefits to jurisdictions collaborating regionally.”*

# Analysis Scenarios

- **Jurisdiction-by-Jurisdiction** scenario under which stormwater management is addressed through jurisdiction-specific approaches.
- **Collaborative Regional** scenario under which regional-scale stormwater management is optimized to achieve identified drivers and objectives.

Objective	Jurisdiction-by-Jurisdiction Scenario		Collaborative Regional Scenario
	Proposed Metrics/Evaluation Factors	Source	Proposed Metrics/Evaluation Factors <i>(all developed through the Project)</i>
More Efficiently Use <b>Limited Resources</b>	<ul style="list-style-type: none"> <li>Costs (Capital and O&amp;M)</li> <li>Number of Projects</li> </ul>	<ul style="list-style-type: none"> <li>Refer to Section 3.4 for cost discussion</li> <li>GI Plans<sup>1</sup>, Countywide RAA</li> </ul>	<ul style="list-style-type: none"> <li>Costs (Capital and O&amp;M)</li> <li>Number of Projects</li> </ul>
Support Improvements to Alleviate Strain on <b>Existing Stormwater Infrastructure</b>	<ul style="list-style-type: none"> <li>SDMP upgrades needed to address localized flooding (and associated grey costs)</li> </ul>	<ul style="list-style-type: none"> <li>C/CAG Member Agencies SDMPs<sup>1</sup></li> </ul>	<ul style="list-style-type: none"> <li>Peak flow reduction and/or lag to peak on watershed scale</li> <li>Volume retention by watershed</li> <li>Number of flood days</li> </ul>
Cost Effectively Comply with <b>Water Quality</b> Regulatory Requirements	<ul style="list-style-type: none"> <li>PCBs load reduction</li> <li>Acres “greened” or treated</li> <li>Volume Managed</li> </ul>	<ul style="list-style-type: none"> <li>Countywide RAA</li> </ul>	<ul style="list-style-type: none"> <li>PCBs load reduction</li> <li>Acres “greened” or treated</li> <li>Volume managed</li> <li>Receiving water beneficial use metrics (beach closures, “toxic days”)</li> </ul>
Supplement County <b>Water Supply</b> Portfolio with Stormwater, Where Feasible	<ul style="list-style-type: none"> <li>Estimated stormwater capture through rainwater harvesting programs (i.e., rain barrel rebates)</li> </ul>	<ul style="list-style-type: none"> <li>BAWSCA Long-Term Reliable Water Supply Strategy</li> </ul>	<ul style="list-style-type: none"> <li>Volume recharged (where usable aquifers), offset/onsite use, and reclaimed, by watershed</li> <li>Demand offset (%) based on per capita numbers<sup>2</sup></li> </ul>
Consider and, Where Appropriate, Design for Projected Future Impacts Resulting from <b>Climate Change</b>	<ul style="list-style-type: none"> <li>Green Infrastructure Climate Change offset</li> </ul>	<ul style="list-style-type: none"> <li>Sustainable Streets Master Plan</li> </ul>	<ul style="list-style-type: none"> <li>Evaluate above metrics over various scenarios</li> </ul>



Objective	Jurisdiction-by-Jurisdiction Scenario		Collaborative Regional Scenario
	Proposed Metrics/Evaluation Factors	Source	Proposed Metrics/Evaluation Factors <i>(all developed through the Project)</i>
Consider Local <b>Community Benefits</b> and Concerns in Project Implementation	<ul style="list-style-type: none"> <li>Population within certain distances of proposed green infrastructure</li> </ul>	<ul style="list-style-type: none"> <li>Analyzed geospatially through the project</li> </ul>	<ul style="list-style-type: none"> <li>Population within certain distances of new amenities and/or locations of mitigation of flooding, water quality (# of people)</li> </ul>
Site and Design Projects to <b>Equitably</b> Serve and Protect Communities	<ul style="list-style-type: none"> <li>Quantify proportion of above metrics/factors (as feasible given available plans) realized in DACs</li> </ul>	<ul style="list-style-type: none"> <li>Analyzed geospatially through the project</li> </ul>	<ul style="list-style-type: none"> <li>Quantify proportion of above metrics/factors realized in DACs</li> </ul>
Maximize <b>Other Benefits</b> , Where Possible	<ul style="list-style-type: none"> <li>Qualitative Evaluation</li> </ul>	--	<ul style="list-style-type: none"> <li>Qualitative Evaluation</li> </ul>

<sup>1</sup> Available Plans listed in Drivers and Objectives Report Appendix A.

<sup>2</sup> Calculation will be based on BAWSCA Long-Term Reliable Water Supply Strategy.

# Item 8 – Update on MRP 3.0 Reissuance

# Ongoing reissuance process

- MRP 3.0 Workgroups that address key topics (PCBs, monitoring, C.3/GI) continuing to meet
- MRP 3.0 Steering Committee to discuss progress and response to comments on Admin Draft
  - Wed June 2, 3 - 5pm
  - Thu June 3, 9 - 11am
- Public draft (Tentative Order) – Water Board staff goal is to release by the end of June
- Public workshops in the fall
- Reissuance goal is by end of calendar year with July 1, 2022 effective date

# C.3 & Green Infrastructure

- Internal discussions on alternative approaches to roadway requirements and GI retrofit targets
- Upcoming meetings with Water Board staff
- Water Board staff not interested in further discussions on reduced project thresholds, single family homes

# PCBs

- SM County Permittee proposed approach to addressing old industrial land use areas:
  - Redevelopment with progressive policies, source property ID and referral, and full trash capture
  - Equivalent load reduction via regional SW capture projects (e.g., Orange Memorial Park)
  - SC, CC, and Ala Counties: comment letters requested reducing amount of old industrial land uses to be addressed (to about 130 to 500 acres)
    - SC and AC old industrial acres provisionally to be treated via large trash devices, especially in San Jose and Oakland
    - Similar analysis conducted for SM County, but consistent with our approach result not submitted and regardless, no obvious way to treat resulting old industrial acres

# Monitoring & Trash

- Creek status monitoring eliminated, GI and trash receiving water monitoring added
- GI monitoring: SSF regional project – assist with/enhance monitoring, but several challenges
- Overall monitoring costs – neutrality goal may not be achieved
- Water Board staff does not plan to push C.10 compliance dates back
  - 90 percent by July 1, 2023
  - 100 percent by July 1, 2025
- Trash receiving water monitoring (new C.8 section)
  - Potential significant level of effort to verify results of on-land monitoring and identify creek segments that are still impacted (and try to parse out non-MS4 sources)
  - Direct response to pressure from NGOs (i.e., to verify Discharge Prohibition and Receiving Water Limitations are being met)
  - Trying to keep costs for on-land and receiving water monitoring from increasing
- Trash source controls – white paper
  - Summarize benefits of municipal policy/ordinance-based “true” source controls
  - Support ongoing crediting towards MRP 3.0 100% trash reduction goal
  - Partnership with SCVURPPP and possibly ACCWP

# Next Steps

- C/CAG MRP Ad-hoc Workgroup met last week, discussion focused on monitoring and PCBs
- Reached out to Water Board staff to schedule follow-up meeting with Chair/Vice-Chair, ideally before Steering Committee meetings
  - Discuss GI, PCBs, monitoring, costs
- Continue MRP 3.0 Workgroups and Steering Committee mtgs
- Prepare formal comments after Tentative Order is released
- Testify at public workshops as needed (municipal staff testimony most helpful)

# Item 9 – Regional Board Report



# Item 10 – Executive Director’s Report

# Item 11 – Member Reports

# Item 12 – Adjourn