



Stormwater Committee Presentations

C/CAG Stormwater Committee - October 20, 2022





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



Item 2 – Public Comment



Item 3 (ACTION) – Approval of August 18, 2022 Meeting Minutes



Item 4 (INFORMATION) – Stormwater Announcements

- C/CAG Board Updates
- Annual Reports
- BAMSC SFBWQIF Grant
- Clean Watersheds Needs Survey
- CASQA Annual Conference
- Workgroup Advancing Regional Projects updates
- GI Exchange Collaborative Grant
- Funding Opportunities

BAMSC Watching Our Watersheds Budget

Task #	Grant Program Function or Activity	Subtask #	Subtask Name	Grant-Funded Costs	Match-Funded Costs	Total Project Costs
1	Stormwater Trash Controls	a	Single-use Plastics Source Control Ordinance Effectiveness Evaluation	\$81,000	\$1,500	\$82,500
		b	Regional Expansion of Clean California Initiative Public Outreach Campaign	\$205,000	\$11,000	\$216,000
		c	Streamlining On-land Trash Assessment Methods	\$66,000	\$5,000	\$71,000
	Subtotal			\$352,000	\$17,500	\$369,500
2	Trash Monitoring Methods	a	Technical Advisory Group	\$75,000	\$133,000	\$208,000
		b	Stormwater Outfall Monitoring	\$139,000	\$2,939,000	\$3,078,000
		c	Receiving Water Monitoring	\$1,879,000	\$138,000	\$2,017,000
		d	Trash Characterization & Public Engagement Events	\$425,000	\$ -	\$425,000
Subtotal			\$2,518,000	\$3,210,000	\$5,728,000	
3	Information Dissemination	a	Trash Monitoring Methods Playbook	\$57,550	\$7,500	\$65,000
		b	Trash Prevention and Monitoring Information Portal	\$36,000	\$3,750	\$39,750
		c	Bay Area Trash Symposium	\$35,000	\$11,250	\$46,250
Subtotal			\$128,500	\$22,500	\$151,000	
4	Project Administration/ Management	a	Project Management	\$88,000	\$64,000	\$152,000
		b	Invoicing & Progress Reporting	\$279,500	\$52,000	\$331,500
Subtotal			\$367,500	\$116,000	\$483,500	
Total				\$3,366,000	\$3,366,000	\$6,732,000



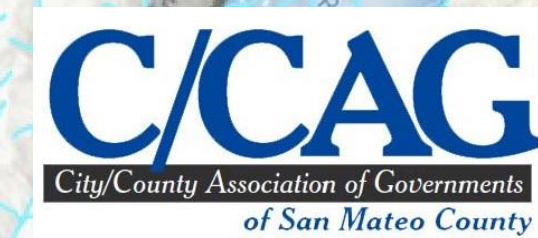
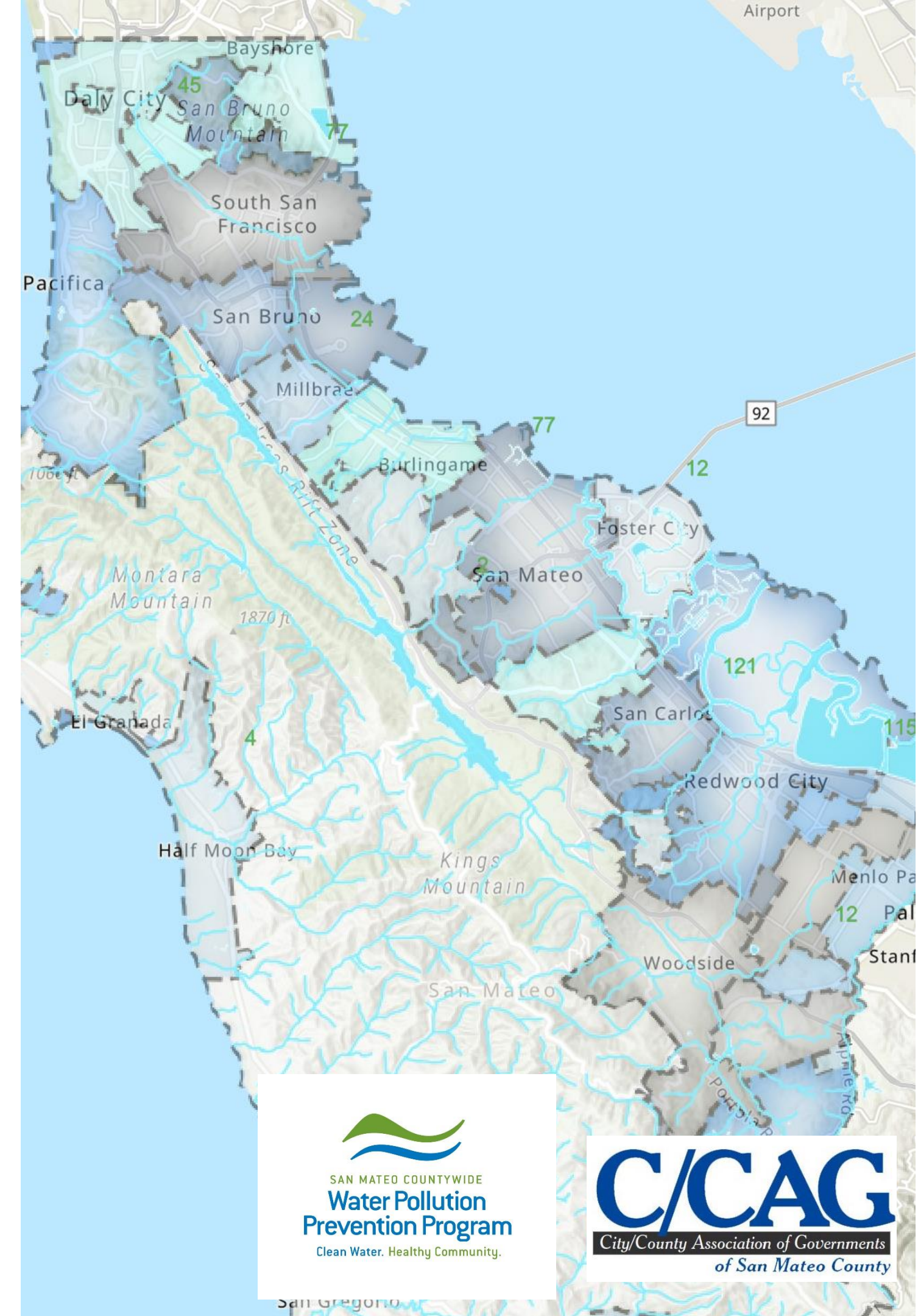
Item 5 (INFORMATION) – MRP 3.0 5-Year Checklist

Near-Term Implementation for MRP 3.0

Effective July 1, 2022

FY22-23 activities

- Multiple BAMSC Projects of Regional Benefit
- Multiple Regional and Countywide Workgroups
- WQIF Grant – Watching Our Watersheds
- Countywide program support in key areas:
 - Preparing for new C.3 regulations starting July 1, 2023 (technical guidance/training)
 - C.12.d PCBs Control Measures Plan for Old Industrial Areas
 - Trash reduction benchmarks (90% by 2023 and 100% by 2025)
 - Revised baseline maps + collective full trash capture “impracticability report”
- General ongoing technical support to the permittees



BAMSC Regional Projects FY22-23

MRP 3.0 Provision	Project	MRP Due Date	BAMSC Oversight Group	Draft Project Costs					Totals
				ACCWP	CCCWP	SMCWPPP	SCVURPPP	SSA	
C.8.d	Regional LID Monitoring QAPP	1-May-23	MPC	\$ 6,184	\$ 4,330	\$ 2,788	\$ 6,698		\$ 20,000
C.10.g.ix	Trash Full Capture Impracticability Report	31-Mar-23	New Project Specific WG	\$ 17,214	\$ 12,051	\$ 7,759	\$ 18,642	\$ 2,834	\$ 58,500
C.12.g.iii(3)	PCBs in Demolition Protocol & Guidance Update	30-Sep-23	MPC	\$ 10,290	\$ 7,210	\$ 4,655	\$ 11,165	\$ 1,680	\$ 35,000
C.17.a.ii (1)	BMP Report/Unsheltered Homeless	30-Sep-23	New Project Specific WG	\$ 14,700	\$ 10,300	\$ 6,650	\$ 15,950	\$ 2,400	\$ 50,000
C.20.c.i	Cost Reporting Framework and Methodology	30-Jun-23	New Project Specific WG	\$ 18,228	\$ 12,772	\$ 8,246	\$ 19,778	\$ 2,976	\$ 62,000
C.22	Annual Report Format	1-Mar-23	Steering	\$ 4,410	\$ 3,090	\$ 1,995	\$ 4,785	\$ 720	\$ 15,000
	Totals			\$ 71,026	\$ 49,753	\$ 32,093	\$ 77,018	\$ 10,610	\$ 240,500
	Proportion Cost Share			29.5%	20.7%	13.3%	32.0%	4.4%	
	Pop-based Target			29.4%	20.6%	13.3%	31.9%	4.8%	

Work Groups for MRP 3.0 Near-Term

Description	Potential Regional Work Group to Support	Countywide/Regional/Both
MRP 3.0 Annual Report Template	Annual Report Template Development Workgroup	Regional
New and Redevelopment	<u>High priority</u> : Alternative Treatment Systems; Rural Roads; Road Maintenance in DACs; Special Projects Category C <u>Future</u> : BAHM Update; Trees and Stormwater; Long-Term GI.	Regional
Discharges related to Fire-Fighting Activities	Firefighting Discharges Work Group	Regional
CII Subcomm - Unsheltered Homeless	Unsheltered Homeless Work Group	Both
RCP Program Development	Alternative Compliance Work Group	Countywide
Trash Impracticability Report	Trash Impracticability Report Work Group	Regional
Cost Reporting	Cost Reporting Work Group	Regional
Asset Management	Asset Management Work Group	Both

MRP 3.0 5-year Checklist

1	Sub-Provision	Sub-Provision Name	Description (See Provision-specific Worksheets for Details)	Comments	Initial Implementation Date	Due Date	Annual Submittal (Y/N)
2							
3	C.2.f	Corporation Yard BMP Implementation	Provide Corp Yard SWPPPs or links in Annual Report	New reporting requirement		9/30/2023	N
4	C.2.h	Staff Training	Provide Municipal Staff Training on specified topics once per permit term	New training requirement, once during permit term			
5	C.3.b	Regulated Projects	Lower threshold for Road Projects	Lower threshold	7/1/2023		
6	C.3.b	Regulated Projects	Road Reconstruction new regulated project category	New requirement	7/1/2023		
7	C.3.b	Regulated Projects	Large SFR new regulated project category	New requirement	7/1/2023		
8	C.3.b	Regulated Projects	List of development projects that are subject to requirements of C.3.b.i.(2).			9/30/2023	N
9	C.3.b	Regulated Projects	Report development projects approved during the year			9/30/2022	Y
10	C.3.d	Numeric Sizing Criteria for Stormwater Treatment Systems	Tree runoff reduction credit report	Optional report		9/20/2025	N
11	C.3.d	Numeric Sizing Criteria for Stormwater Treatment Systems	Disallows use of tree interceptor credits	Removed credits	7/1/2022		
12	C.3.e	Alternative Compliance with Provisions C.3.b and C.3.d	New Special Project Category C	Change to Category C	7/1/2023		
13	C.3.j	Green Infrastructure Planning and Implementation	Update/Supplement GSI plans	New requirement		As needed	N
14	C.3.j	Green Infrastructure Planning and Implementation	GSI Numeric Targets	New requirement	7/1/2022		
15	C.3.j	Green Infrastructure Planning and Implementation	With cause, Permittees may use the Guidance for Sizing Green Infrastructure Facilities in Streets Projects (June 2019) with Water Board's conditions.	New requirement	7/1/2022		
16	C.3.j	Green Infrastructure Planning and Implementation	Form a regional Technical Work Group to discuss long term GSI goals and recommend long term percentage reductions.	New regional work group	7/1/2022		
17	C.3.j	Green Infrastructure Planning and Implementation	Certify that the tracking and mapping tools have been completed and are being implemented.	New reporting requirement		9/30/2023	N
18	C.3.j	Green Infrastructure Planning and Implementation	Report on updates, addenda, and changes to GSI programmatic implementation	New reporting requirement		9/30/2024	N
19	C.3.j	Green Infrastructure Planning and Implementation	Report on updates, addenda, and changes to GSI programmatic implementation	New reporting requirement		9/30/2025	N
20	C.3.j	Green Infrastructure Planning and Implementation	Report on progress made towards the retrofit requirements	New reporting requirement		9/30/2025	Y
21	C.3.j	Green Infrastructure Planning and Implementation	summary of lessons learned to-date with regard to Provision C.3.j.ii.(1)	New reporting requirement		9/30/2026	N
22	C.3.j	Green Infrastructure Planning and Implementation	Rural Area alternative compliance optional report	Optional new report		9/30/2023	N
23	C.3.j	Green Infrastructure Planning and Implementation	Each Permittee that wishes to use the one-time offset specified shall submit a report estimating the benefit realized by the adopted ordinance(s)	Optional new report		9/30/2023	N
24	C.3.j	Green Infrastructure Planning and Implementation	Collectively submit a report summarizing any TWG efforts and recommendations.	New reporting requirement		9/30/2025	N
25	C.3.j	Green Infrastructure Planning and Implementation	Certify that any projects counting towards Numeric Implementation retrofit requirements, which have not been completed by June 30, 2027, have been approved and fully funded by June 30, 2027	New reporting requirement		9/30/2027	N
26	C.4.b	Industrial and Commercial Business Inspection Plan (Inspection Plan)	Report description of which entity(ies) are responsible for reviewing and approving business license applications or a link to the website for business license applications.	New reporting requirement		9/30/2023	N
27	C.5.e	Control of Mobile Sources	Report details of mobile businesses inspected	New reporting requirement		9/30/2023	Y
28	C.5.f	Municipal Separate Storm Sewer System (MS4) Map	Identify information missing from the MS4 map and develop plan to complete maps	New requirement	7/1/2023		
29	C.5.f	Municipal Separate Storm Sewer System (MS4) Map	Submit plan and schedule to update MS4 map	New reporting requirement		9/30/2026	N

Summary

Reports & Key Dates

C.2 Muni Op

C.3 New Develop

C.4 Ind-Com

C.5 IDDE

C.6 Construction

C.7 Public IO

C.8 Monitoring

C.9 Pesticides

C.10 Trash

C.10.c

C.11

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MRP 3.0 5-year Checklist

	A	B	C	D	E	F	G	H	I	J	K	L	M
	Sc	Sub-Provisio	Sub-Provision Name	Task	Change	Change from MRP 3.0 Notes	Progra	Permittee	Region	Begin Implementation on:	Initial Submittal or Reporting Date	Annual Submittal	Comments
1		C.3.a	New Development and Redevelopment Performance Standard Implementation	i.(1) Have adequate legal authority to implement all requirements of Provision C.3.	No			X		7/1/2022			
2		C.3.a	New Development and Redevelopment Performance Standard Implementation	i.(2) Have adequate development review and permitting procedures to impose conditions of approval or other enforceable mechanisms to implement the requirements of Provision C.3. For projects discharging directly to CWA section 303(d) listed waterbodies, conditions of approval must require that post development runoff not exceed predevelopment levels for such pollutants that are listed.	No			X		7/1/2022			
3		C.3.a	New Development and Redevelopment Performance Standard Implementation	i.(3) Evaluate potential water quality effects and identify appropriate mitigation measures when conducting environmental reviews, such as under CEQA.	No			X		7/1/2022			
4		C.3.a	New Development and Redevelopment Performance Standard Implementation	i.(4) Provide training adequate to implement the requirements of Provision C.3 for staff, including interdepartmental training.	No		A	X		7/1/2022			
5		C.3.a	New Development and Redevelopment Performance Standard Implementation	i.(5) Provide outreach adequate to implement the requirements of Provision C.3, including providing education materials to municipal staff, developers, contractors, construction site operators, and owner/builders, early in the planning process and as appropriate.	No		A	X		7/1/2022			
6		C.3.a	New Development and Redevelopment Performance Standard Implementation	i.(6) For all new development and redevelopment projects not regulated by Provision C.3., encourage the inclusion of adequate site design measures that include minimizing land disturbance and impervious surfaces (especially parking lots); clustering of structures and pavement; disconnecting roof downspouts; use of micro-detention, including distributed landscape detention; preservation of open space; protection and/or restoration of riparian areas and wetlands as project amenities.	No			X		7/1/2022			
7		C.3.a	New Development and Redevelopment Performance Standard Implementation	i.(7) For all new development and redevelopment projects not regulated by Provision C.3., encourage the inclusion of adequate source control measures to limit pollutant generation, discharge, and runoff, to the maximum extent practicable.	No			X		7/1/2022			
8		C.3.a	New Development and Redevelopment Performance Standard Implementation	i.(8) Revise, as necessary, General Plans to integrate water quality and watershed protection with water supply, flood control, habitat protection, groundwater recharge, and other sustainable development principles and policies and to require implementation of the measures required by Provision C.3 for all Regulated Projects defined in Provision C.3.b.	No			X		7/1/2022			
9		C.3.a	New Development and Redevelopment Performance Standard Implementation	ii. Provide a brief summary of the method(s) of implementation of Provisions C.3.a.i.(1)-(8) in the 2023 Annual Report.	No	Resubmittal		X			9/30/2023	N	
10		C.3.b	Regulated Projects	i. Require all Regulated Projects to implement LID source control, site design, and stormwater treatment onsite or at a joint treatment facility (per Provisions C.3.c and C.3.d) unless Provision C.3.e alternative compliance options are invoked.	No		A	X		7/1/2022			
11		C.3.b	Regulated Projects	i.(1) Any Regulated Project that has been approved with stormwater treatment measures in compliance with Provision C.3.d under a previous MS4 permit is exempt from Provision C.3.c (LID requirements).	No			X		7/1/2022			
12		C.3.b	Regulated Projects	i.(2) Require any Regulated Project that was approved with no C.3 treatment requirements under a previous MS4 permit, and that has not begun construction by July 1, 2022, to comply with C.3.c and C.3.d, unless eligible for one of the exemptions in C.3.b.i.(2)(a) and (b).	No			X		7/1/2022			
13		C.3.b	Regulated Projects	ii.(1) Special Land Use Categories as described in MRP	Yes	Added list of pavement maintenance practices that are excluded and those that will trigger C.3 requirements at the 5,000 sf threshold		X		7/1/2022 (except new requirements effective 7/1/2023)			
14		C.3.b	Regulated Projects	ii.(2) Other Development Projects	Yes	Threshold reduces to 5,000 sf and includes portions of the public right of way that are developed or redeveloped as part of the Regulated Project	A	X		7/1/2022 (except new threshold effective 7/1/2023)			
15				Threshold reduces to 5,000 sf and includes									



Item 6 – Regional Water Board Report



Item 7 – Executive Director’s Report



Item 8 – Member Reports



Item 9 – Adjourn