



CITY OF
**PALO
ALTO**

Stormwater Management Oversight Committee

Thursday, September 29, 2022
1 pm to 3 pm
Special Meeting

Community Meeting Room at City Hall

*****BY IN PERSON and VIRTUAL TELECONFERENCE *****

<https://zoom.us/join> Meeting ID: 990 9847 5635 Phone: 1(669)9006833

Pursuant to the provisions of California Governor's Executive Order N-29-20, issued on March 17, 2020, to prevent the spread of Covid-19, this meeting will be held by virtual teleconference and in person.

Agenda posted in accordance Government Code Section 54954.2(a) or 54956.

PUBLIC COMMENT

Members of the public who wish to participate by computer or phone can find the instructions at the end of this agenda. To ensure participation in a particular item, we suggest calling in or connecting online 15 minutes before the item you wish to speak on.

Call to Order (5 min)

Oral Communications (5 min)

Members of the public may speak to any item NOT on the agenda. A reasonable time restriction may be imposed at the discretion of the Committee Chair.

Old Business (5 min)

1. Approval of Action Minutes from the August 11, 2022 Stormwater Management Oversight Committee Meeting (5 min)

New Business (95 min)

2. Adoption of a Resolution Authorizing Use of Teleconferencing for Stormwater Management Oversight Committee Meetings During Covid-19 State of Emergency (5 min)
3. Committee Member Presentation and Discussion on Onboarding Feedback (10 min)

4. Staff Presentation on the new Municipal Regional Stormwater Permit, or MRP 3.0 (30 min)
5. Staff update on routine maintenance to prepare for the rainy season (15 min)
6. Update on September 17, 2022 Coastal Cleanup Day (5 min)

Committee Member Comments and Announcements (15 min)

Tentative Agenda Items for Future Meetings and Review Action Items (5 min)

Adjournment

AMERICANS WITH DISABILITY ACT (ADA)

Persons with disabilities who require auxiliary aids or services in using City facilities, services or programs or who would like information on the City's compliance with the Americans with Disabilities Act (ADA) of 1990, may contact (650) 329-2550 (Voice) 24 hours in advance.

Public Comment Instructions

Members of the Public may provide public comments to teleconference meetings via email, teleconference, or by phone.

1. Written public comments may be submitted by email to the staff liaison, Karin North at karin.north@cityofpalalto.org.
2. Spoken public comments using a computer will be accepted through the teleconference meeting. To address the Council, click on the link below to access a Zoom-based meeting. Please read the following instructions carefully.
 - A. You may download the Zoom client or connect to the meeting in browser. If using your browser, make sure you are using a current, up-to-date browser: Chrome 30+, Firefox 27+, Microsoft Edge 12+, Safari 7+. Certain functionality may be disabled in older browsers including Internet Explorer.
 - B. You may be asked to enter an email address and name. We request that you identify yourself by name as this will be visible online and will be used to notify you that it is your turn to speak.
 - C. When you wish to speak on an Agenda Item, click on "raise hand." The Clerk will activate and unmute speakers in turn. Speakers will be notified shortly before they are called to speak. When called, please limit your remarks to the time limit allotted.
 - D. A timer will be shown on the computer to help keep track of your comments.
3. Spoken public comments using a smart phone will be accepted through the teleconference meeting. To address the Council, download the

Zoom application onto your phone from the Apple App Store or Google Play Store and enter the Meeting ID below. Please follow the instructions B-E above.

4. Spoken public comments using a phone use the telephone number listed below. When you wish to speak on an agenda item hit *9 on your phone so we know that you wish to speak. You will be asked to provide your first and last name before addressing the Council. You will be advised how long you have to speak. When called please limit your remarks to the agenda item and time limit allotted.

<https://zoom.us/join> Meeting ID: 990 9847 5635 Phone: 1(669)9006833



STORMWATER MANAGEMENT OVERSIGHT COMMITTEE MINUTES

Special Meeting
August 11, 2022

The Stormwater Management Oversight Committee of the City of Palo Alto met in hybrid teleconference at 1:08 P.M.

Present: Bower, Keller, Mickelson (Chair), Mossar, Owes, Wenzlau

Absent: Perman

Oral Communications

Old Business

1. Approval of Minutes from the April 7, 2022 Stormwater Management Oversight Committee Meeting.

MOTION: Committee Member Dena Mossar moved, seconded by Committee Member Marilyn Keller to approve the minutes as presented.

MOTION PASSED: 6-0

New Business

2. Adoption of a Resolution Authorizing Use of Teleconferencing for Stormwater Management Oversight Committee Meetings During Covid-19 State of Emergency.

MOTION: Committee Member Dena Mossar moved, seconded by Committee Member Bob Wenzlau to adopt the resolution.

MINUTES

MOTION PASSED: 6-0

3. Staff Presentation of FY 2023 Approved Budget.

NO ACTION TAKEN

4. Staff Update Stormwater Management Fund Capital Program.
 - A. Bob Wenzlau suggested including a public outreach sign near the Adobe Creek Pump Station project to enhance community engagement and awareness.
5. Update on the Green Streets Stewards and Rebate Program.
 - A. Bob Wenzlau suggested focusing on one or two of the easier-to-implement stormwater rebates (i.e. rain barrels and rain gardens) to increase engagement without overwhelming residents with programs and information.
 - B. David Bower and Marilyn Keller suggested enhancing the rain barrel rebate program, such as partnering with Home Depot or covering the full cost of a rain barrel with an additional rebate after proof of installation.

Committee Member Comments and Announcements

Tentative Agenda Items for Future Meetings and Review Action Items

Adjournment: The meeting was adjourned at 3:01 P.M.

SWMOC Onboarding

- Excellent admin experience. Big thanks to staff!!!
- Welcoming call with Hal and Karin before first meeting. Thanks!
- Challenged with learning committee subject material like CIP status
- Learning from committee webpage and links:
 - Valuable page with lots of info and links (e.g., Green Infrastructure and rebates).
 - Info is available but not always easy to find
 - Interested citizens or future committee members should be able to use this page to learn how the committee's work supports the ballot measure.

Discussion: Who is the intended customer for this webpage?

- Clarify purpose and life cycle of committee webpage
- What is process for webpage content and improvements?
- How are changes are prioritized and implemented? By fiscal impact?
- How can I help?



MUNICIPAL REGIONAL STORMWATER PERMIT (MRP 3.0)

Overview of Expanded and New Requirements

Pam Boyle Rodriguez
September 29, 2022

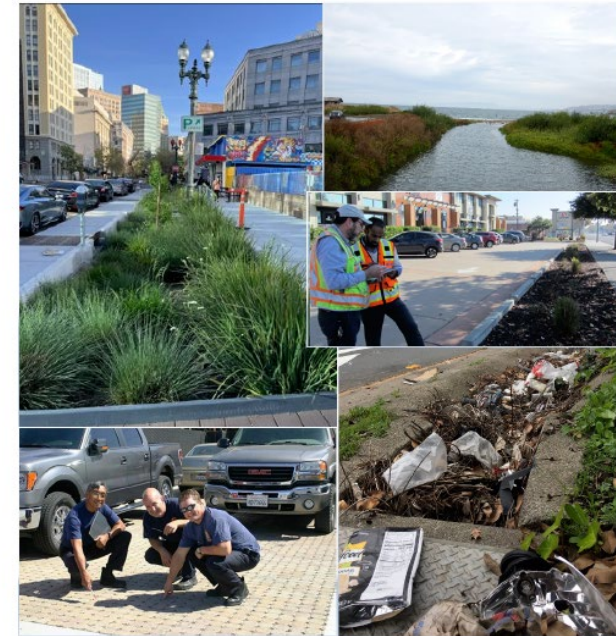


Presentation Outline

- **Background on MRP**
- **Significant Changes & New Requirements**
 - **Modified Provisions**
 - **New Provisions/Sub-Provisions**

California Regional Water Quality Control Board
San Francisco Bay Region
Municipal Regional Stormwater NPDES Permit

Order No. R2-2022-0018
NPDES Permit No. CAS612008
May 11, 2022



Regulatory Background



Federal Clean Water Act (1987), enforced by
EPA/States



National Pollutant Discharge Elimination System
(NPDES) permits



First NPDES municipal stormwater permit (MRP) by
SF Bay Regional Water Quality Control Board (1990)



Bay Area MRP Background

- MRP issued to 79 agencies in the Bay Area, including the City of Palo Alto
- Third iteration (“MRP 3.0”) became effective on July 1, 2022
- MRP is effective for five years
- Palo Alto part of SCVURPPP – coordination and support



MRP Provisions Applicable To Palo Alto

Topic Specific

Pollutant Specific

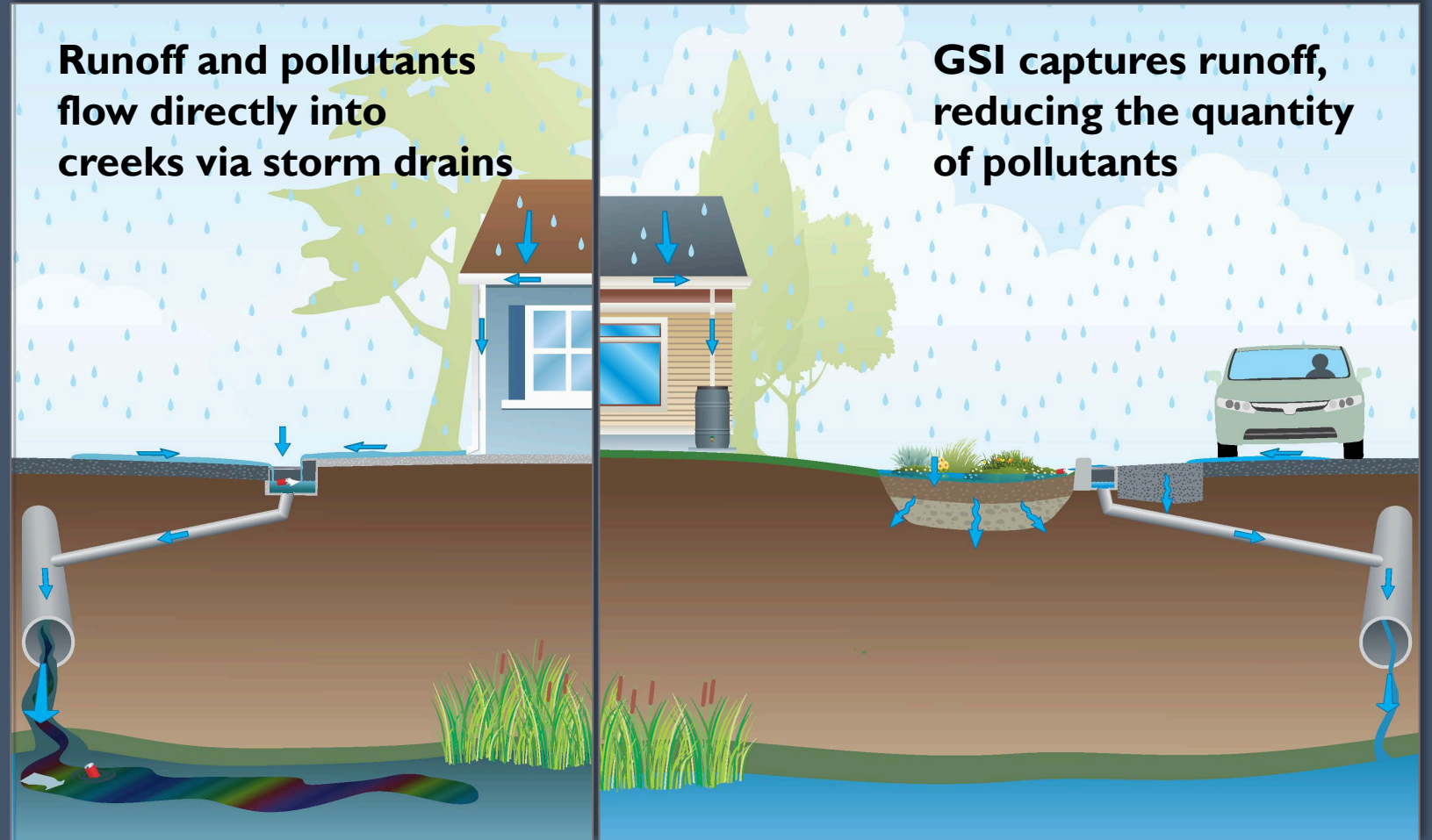
Monitoring/Reporting

C.2 Municipal Operations	C.6 Construction Site Controls	C.9 Pesticides Toxicity Control	C.13 Copper Controls	C.8 Water Quality Monitoring	C.21 Asset Management
C.3 New Development and Redevelopment	C.7 Public Information and Outreach	C.10 Trash Load Reduction		C.20 Cost Reporting	
C.4 Industrial/Commercial Site Controls	C.15 Exempted and Conditionally Exempted Discharges	C.11/12 PCB and Mercury Controls			
C.5 Illicit Discharge Controls	C.17 Unsheltered Homeless Populations				

- Minor changes
- Significant changes
- New provision

Provision C.3 - New and Redevelopment Background

Development projects
(of a certain size) must
mitigate impacts to
stormwater



Provision C.3 - New and Redevelopment Background

- Development projects must implement Green Stormwater Infrastructure or GSI (based on project size)
- Development project size = how much impervious surface is created or replaced on a development site
- Regulated Projects = above certain size thresholds that trigger stormwater requirements



Pervious Surfaces



Bioretention Areas (rain gardens)

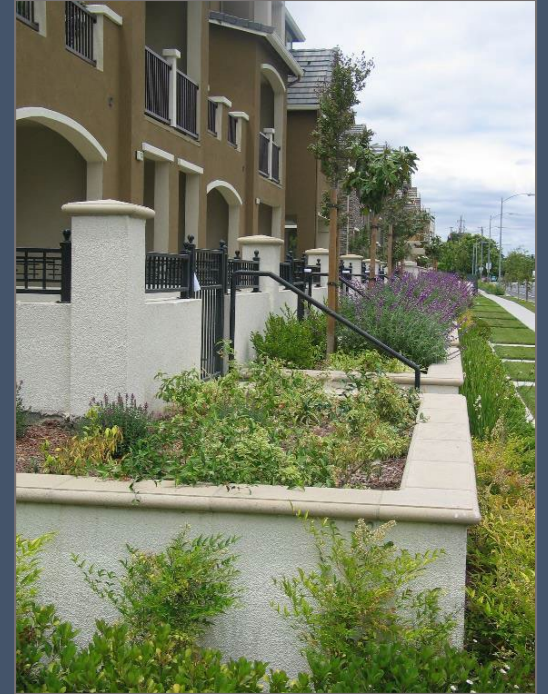


Rainwater Harvesting

Provision C.3 - New and Redevelopment

Significant Changes: Regulated Projects (7/1/23)

- Project size threshold lowered to **5,000 ft²**:
 - Private/public projects
 - New roads or lane additions (bike/sidewalks)
 - Some road/sidewalk repair or improvement activities
- Single-family homes at threshold of **10,000 ft²**
- Road reconstruction, pavement widening and utility trenching - threshold of 1 acre (contiguous)



Provision C.3 - New and Redevelopment City GSI Requirements

- Continue to implement actions in 2019 GSI Plans
 - Identify opportunities to integrate GSI into planned public projects where feasible
- Construct GSI projects to meet target of **3 acres** treated per **50,000** population up to 5 acres
 - Palo Alto @ 65,364 population = 3.92 ac



Provision C.10 - Trash Controls

Significant Changes



- Reduce trash entering storm drain systems
- New Benchmarks:
 - **New 90%** trash reduction **by June 30, 2023**
 - **Extended 100%** trash reduction (no adverse impact to waters) **by June 30, 2025**

Provision C.10 - Trash Controls

Significant Changes



Increased inspection frequencies for trash capture devices



Credits/offsets for source control ordinances eliminated after June 2025



Require private properties with trash issues to implement trash controls

Provisions C.11/C.12 - Mercury/PCB Controls

Background

Legacy pollutants still detected in Bay Area soils and waters

- **Polychlorinated Biphenyls (PCBs) Sources** (*manufacturing banned in 1979*)
 - Electrical equipment (transformers and capacitors)
 - Hydraulic fluids, dust control, flame retardants, lubricants, paints, sealants, wood preservatives, inks/dyes and plasticizers
 - Construction materials (caulking, insulation, roofing and siding materials)
- **Mercury Sources**
 - Mining
 - Fossil fuel combustion
 - Concrete production
 - Consumer goods (fluorescent light bulbs, batteries)



Provisions C.11/C.12 - Mercury/PCB Controls

Significant Changes

Continuing Programs

- Identify/manage properties that may be sources of PCBs/mercury
- Manage PCBs-containing materials and wastes during building demolition
- Control PCBs from oil-filled equipment at municipally-owned electrical utilities

New Programs

- Implement runoff treatment measures from Old Industrial Areas (**664 acres** in Santa Clara County)
- Control PCBs from materials in bridges and overpasses (when repaired or replaced)



Provision C.8 – Water Quality Monitoring

Significant Changes



- Increased requirements for trash monitoring
- Monitor effectiveness of GSI
- Monitor certain pollutants entering receiving waters



New Provisions

C.17 Discharges Associated with Unsheltered Homeless Populations

- Identify/implement practices to manage discharges associated with unsheltered homeless populations

C.20 Cost Reporting

- Develop and submit a regional cost reporting framework
- Submit annual analysis of stormwater program costs starting FY 24-25

C.21 Asset Management

- Develop/implement Asset Management Plan for stormwater quality assets (e.g., GSI & trash devices)

New (Sub)Provisions

C.5 Mapping Storm Drain Systems

- Identify missing asset management data (pipe size, material, condition, etc.) and develop a plan/schedule to fill gaps

C.15 Firefighting Discharges

- Convene regionwide Firefighting Discharges Working Group
- Submit Firefighting Discharges Report describing management practices/procedures
- Evaluate adequacy of industrial properties to contain firefighting discharges

Fiscal Impacts of MRP 3.0

➤ **Increased resources needed to comply**

- Realignment of staff responsibilities
- Internal funding needs assessment planned
- Five-year projected support from SCVURPPP under development

➤ **Potential funding sources & opportunities to increase efficiencies**

- Funding Analysis recommendations
- Regional/Program-wide collaboration on tasks/projects
- State/Federal grant opportunities

QUESTIONS





Coastal Cleanup Day 2022

Adobe Creek





Coastal Cleanup Day 2022

Matadero Creek

