



Municipal Regional Permit 2.0

Overview of Key Revisions

MRP 2.0
Steering Committee
February 5, 2015

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Overview


Provisions

- C.15 – Potable Water
- C.10 – Trash
- C.12 – PCBs
- C.3 – New and Redevelopment, Green Infrastructure

Tentative Schedule

Exempted & Conditionally Exempted Discharges (C.15)

Potable Water – removed from MRP

 Intent: Potable water dischargers will obtain coverage under Statewide NPDES Permit for Drinking Water System Discharges to Waters of the U.S.

Trash Load Reduction (C.10)

Milestones - Schedule

🐟 60% by July 2016

🐟 70% by July 2017

🐟 80% by July 2019

🐟 100% (no adverse level) by July 2022

Based on areal-percent of trash management areas managed and converted to low trash generation with full trash capture or verified equivalents



Trash Load Reduction (C.10)



Trash Generation Area approach based on 2014 Trash Generation Area Maps

- 🐟 % reduction based on conversion of Very High, High, and Medium areas to Low
- 🐟 Weighted benefit for conversion of Very High and High relative to Medium

$$\%A_{T-L} = 100 \times \frac{(12 * A_{VH-L} + 4 * A_{H-L} + A_{M-L})}{(12 * A_{VH} + 4 * A_H + A_M)_{2009}}$$

Trash Load Reduction (C.10)

Demonstrate Outcomes



Full trash capture systems

- Document and certify required O&M



Other trash control actions

- Document implementation
- Assessment of trash management areas



Receiving water observations

Trash Load Reduction (C.10)

 Maintain mandatory minimum trash hot spot cleanups

- Allow new sites

 Maintain up-to-date Trash Load Reduction Plan

Trash Load Reduction (C.10)








Reporting

- Updated maps that reflect certified full trash capture systems and other actions assessed
- Summary of actions
- Accounting of progress toward % reduction requirements
- Receiving water observation summaries
- Trash hot spot cleanup summaries




PCBs Reduction (C.12)

Short-Term Load Reductions

-  Identify watersheds
-  Identify control measures and schedule
-  Reduce loads by 0.5 kg in yrs 1 and 2
-  Reduce loads by 3.0 kg in next 3 yrs
-  Load reductions allocated by county



PCBs Reduction (C.12)

Assessment Methodology






-  Loads reduced or avoided by specific actions
-  Foundation = MRP 1.0 load reduction accounting system (Dec 2013)
-  Use to demonstrate load reduction progress and to inform reasonable assurance of long term plans

PCBs Reduction (C.12)

Green Infrastructure Plans

-  Robust plans within permit term
 - Reasonable assurance to attain reductions = 3 kg/yr by 2040
-  Begin implementation within permit term
 - 120 g/yr during final 3 yrs of permit
 - Allocated by county

PCBs Reduction (C.12)

-  Plan for MRP 3.0 and beyond
 - Pathway to achieve TMDL allocations
 - Submit before end of permit
-  Manage PCBs-containing materials
 - During building demolition and renovation activities
-  Evaluate PCBs in roadway caulk
-  Fate and transport studies of PCBs in margins (via RMP)
-  Risk Reduction

New and Redevelopment (C.3)



- 🐟 Focus on green infrastructure
- 🐟 Maintain LID hierarchy and demonstration of retention/reuse infeasibility to allow underdrains
- 🐟 Eliminate exemption of legacy projects approved with no C.3 treatment that have not begun construction

New and Redevelopment (C.3)



Permittee Green Infrastructure Plan

- Goal: Gray to green, over time
- Plan must get early buy-in and commitment from Permittee's governing body
- Plan must include the tools needed to make GI part of everyday practice
 - Planning & prioritization approach (e.g., GreenPlanIT)
 - Approved standard specifications
 - Training and outreach
 - Implementation goals and measurement over time (e.g., for TMDLs, 'greened acreage')

New and Redevelopment (C.3)

Green Infrastructure Plan (cont.)

- Plan should identify 'crosswalks' with related city planning processes & tasks to complete
 - e.g., complete streets, TOD, etc.
 - Identify opportunities and tasks to address funding issues (work with MTC on grant rqmts)
- Each Permittee to develop a list of potential GI projects that may be as alternative compliance projects
- No missed implementation opportunities during permit term

New and Redevelopment (C.3)



Special Projects

- Require demonstration of infeasibility of LID on or offsite (alternative compliance), in-lieu fees, or combo
- Tie density criteria to gross density
- Allow mixed-use projects to use dwelling unit/acre or FAR criteria for credit
- Define FAR
- Reduce reporting to once per year
- Phase out by end of permit term

New and Redevelopment (C.3)

- 🐟 Require inspections of pervious pavement and paver installations, treatment systems, and HM controls at time of installation
 - Rather than within 45 days
- 🐟 Require recurring inspections of all pervious pavement and paver installations at Regulated Projects and alternative compliance sites
- 🐟 Require recurring inspections of all pervious pavement and paver installations \geq 5000 square feet at smaller non-Regulated Projects
- 🐟 Require Enforcement Response Plan for O&M inspections

MRP 2.0 Timeline

-  Admin draft permit - Feb 2015
 - Provisions posted on Regional Water Board website
 - www.waterboards.ca.gov/sanfranciscobay/
 - Click on Stormwater, then Municipal Regional Permit Reissuance 2015
-  Public notice draft permit - April 2015
-  Water Board hearing - May/June 2015
-  Adoption hearing - Sep/Oct