

Model SUSMP Training for Municipal Staff and Plan Checkers

Monday, June 1, 2009

City of San Diego Metropolitan Wastewater Department Auditorium
9192 Topaz Way, San Diego



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Agenda

- Introductions and Overview of the SUSMP Process and Objectives (Agahi)
- Using Low Impact Development to Meet NPDES Treatment and Hydrograph Modification Management Requirements (Cloak)
- Review of the 2009 Model SUSMP and Changes from the 2001 SUSMP (Cloak)
- Using the LID Design Guide (Chapter 4) to Prepare and Review Project Submittals (Cloak)
- Integrating Hydromodification Management into the SUSMP and the IMP Sizing Calculator (Cloak)
- Summary, Next Steps, and Additional Questions (Agahi)

Overview of SUSMP Process

- San Diego Regional Water Quality Control Board adopted updated stormwater permit January 24, 2007
- New SUSMP requirements
 - Copermittees individually update Local SUSMPs by January 2008
 - Copermittees collectively submit Draft Model SUSMP by July 2008

Local SUSMP update requirements

- Removal of obsolete or ineffective BMPs
- Incorporation of Low Impact Development (LID) and source control BMPs
- Addition of LID treatment control BMPs (such as bioretention cells, bioretention swales, etc)
- Update definition of Priority Development Projects (PDPs)
 - commercial development > 1 acre
 - Addition of retail gasoline outlets ≥ 5000 ft² and ADT of 100+ vehicles
- Updated Treatment Control BMP Selection Matrix Table and discussion with more recent Caltrans and CASQA studies

Model SUSMP update requirements

- Define minimum LID and BMP requirements and standards to maximize use of LID practices and principles as a means of reducing stormwater runoff
- Establishment of siting, design, and maintenance criteria for LID and treatment control BMPs so that they are constructed correctly and are effective at pollutant removal and/or runoff control

Implementation of Model SUSMP: Timeline

- Jan 24, 2007: Regional Board adopts new permit
- Copermittees work collaboratively to update local SUSMPs and begin work on Model SUSMP update, via Land Development Workgroup; continue to meet regularly
- Copermittees contract with Brown and Caldwell to update Model SUSMP and develop Hydromodification Management Plan (HMP)
- Jan 24, 2008: Copermittees update local SUSMPs
- July 24, 2008: Copermittees submit draft Model SUSMP to Regional Board for Approval
- September 18, 2008: Regional Board provides comments and NRDC comments
- Jan 21, 2009: Copermittees re-submit draft Model SUSMP to Regional Board for Approval
- March 25, 2009: Regional Board finds Model SUSMP Adequate

Implementation of Model SUSMP: Timeline

- April 22, 2009: NRDC/San Diego Coastkeeper request San Diego Board hold a hearing on the acceptance of the Model SUSMP
- April 22, 2009: NRDC/SDC concurrently file petition for review with State Board, but request abeyance for 6 months pending response from the Regional Board
- 2007: NRDC submitted petition for review to State Board regarding the issuance and terms of San Diego permit; elected to hold in abeyance.
- May 15, 2009: San Diego Board denies NRDC/SDC request to hearing
- Now: NRDC/SDC to determine whether they will activate both related petitions

Implementation of Model SUSMP: Timeline

- By March 25, 2010: Copermittees must have incorporated Model SUSMP changes into Local SUSMPs
- Between now and then:
 - Additional trainings
 - Consultant team developing sizing tool to assist with LID and HMP design

How Does this Relate to HMP?

- Copermittees submitted draft HMP to Regional Board January 21, 2009
- Expecting RB comments within next month or so
- Copermittees will have 6 months to finalize the HMP and then re-submit to RB
- Assuming RB approves plan with no additional comments, Copermittees have additional 6 months to incorporate requirements into local SUSMPs

For more information...

- All related Copermittee documents, submittals to Regional Board, etc., are located at:

<http://www.projectcleanwater.org>



Project Clean Water

Go to: Standard Urban Stormwater Management Plan (SUSMP)
and Hydromodification Workgroup page