



2012 SEMINAR

Stormwater Regulations for Construction Industry

March 20, 2012 • 9:00 a.m. to 3:00 p.m.
Joel D. Valdez Main Library, Lower Level Meeting Room

Agenda Outline

1. **PAG Introduction to materials and event**

Claire Zucker, Pima Association of Governments
Sustainable Environment Program Director

2. **Stormwater Regulations: Why do we care?**

Paula Bluemer, Town of Marana
Environmental Project Coordinator

- Clean Water Act Background
- National Pollutant Discharge Elimination System (NPDES)
- Arizona Pollutant Discharge Elimination System (AZPDES)
- Municipal Separate Storm Sewer System (MS4)
- ADEQ Construction General Permit

3. **What To Do for Stormwater Regulations: NOIs, SWPPP and NOTs**

Marie Light, Pima County Department of Environmental Quality
Principal Hydrologist

- Function of NOI and SWPPP: Obtaining Coverage
- Applying for the Notice of Intent: ADEQ Smart NOI, Pima County MapGuide
- Preparing your SWPPP (living document): Responsible Parties, Pollution Sources, Sites specifics, Best Management Practices (BMPs), Maintaining Compliance, Review and Inspections, Phasing, Recordkeeping
- 2008 CGP checklist
- Close-out: Clean-up, file Notice of Termination (NOT)

4. **Break** (10:25 a.m.; 15 minutes)

5. **The Good, The Bad, and The Ugly: Best Management Practices (BMPs) /Control Measures for Erosion and Sediment during the Construction Phase**

Wendy Terlizzi, Arizona Department of Transportation
Water Quality Group Statewide Program Manager

- Effectiveness and Applicability
- Good Use and Bad Use of BMPs Examples
- ADOT BMP Manual

6. **Final Stabilization and the AZPDES Permit**

Ellen Alster, Pima County Department of Transportation
Senior Landscape Architect / Erosion Control Coordinator

- AZPDES Permit's definition of final stabilization and how this applies
- Current stabilization materials and practices on Pima County roads
- Issues encountered in achieving final stabilization
- Methods to limit stabilization issues



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7. Lunch (12:10 p.m.; 45 minutes) - Complimentary food and drink

- Thank you to Sponsors
- Posters and Tables
- KOLD News 13 Meteorologist Erin Jordan (20 minutes)

8. Retrofitting with Green Infrastructure and Low Impact Development Strategies

Tory Syracuse, e Watershed Management Group (WMG)
Project Manager

- Defining LID in the post construction context
- Benefits of implementing LID
- Design Standards and Examples
- WMG Greet Streets Projects
- Arid LID Conference

9. First Flush Retention and Water Quality Benefits

Evan Canfield, Pima County Regional Flood Control District
Chief Hydrologist

- Where LID implementation is encouraged, effective and/or mandated
- Manuals and Case Studies
- Detention/ Retention

10. AZPDES Stormwater Construction General Permit Update

Christopher Henninger, Arizona Department of Environmental Quality
Stormwater and General Permits Unit Supervisor

- Effluent Limitation Guidelines (40 CFR 450)
- Update on U.S. EPA CGP
- Arizona CGP Development Process
- Stakeholder Meetings

11. Arizona's Regulatory Bill of Rights

Harlan Agnew, Pima County Attorney's Office
Deputy County Attorney

- 1598 Bill of Rights for Inspections

12. Q/A- All Jurisdictions (2:40 p.m.)

- Panel: City of Tucson, Town of Marana, Town of Oro Valley, Watershed Management Group, Pima County, Arizona Department of Environmental Quality, Arizona Department of Transportation

13. Closing (3:00 p.m.)

- Please return Surveys and pick up Certificates