

# Managing One Water – What Role Will Stormwater Play?

*NACWA 2012 Winter Conference*

*February 14, 2012*



# Revisions to USEPA's Stormwater Rule

- Impacts municipal separate stormwater system (MS4) communities
  - May expand area subject to MS4 jurisdiction
  - Does not apply in areas covered by CSO policy
- Rule Status
  - Development began in 2009
  - Draft rule expected Sept. 2011, final by Nov. 2012
  - Draft rule delayed twice
  - Unclear if proposal will be released this year

# Potential Rule Components

- Expand area subject to MS4 jurisdiction
- Establish performance standards for new development and redevelopment to retain stormwater on-site
- Establish retrofit requirements for existing development to reduce impervious surfaces



# Performance Standards for New Development & Redevelopment

- Apply to projects in MS4 & disturbing above a certain size
- Require on-site retention likely tied to a percentile storm standard
- No technology mandate but encourage use of “green infrastructure “ i.e. on-site stormwater management or low impact development





Raingarden



PerVIOUS Pavement



Cistern



Green roof



Retention Pond



Detention Basin





Bioretention

# Urban Retrofits

- Reduce impact of existing impervious surface
- Require communities to design and implement retrofit plans
- Likely to apply to MS4 communities with demonstrated water quality need





# Other Regulatory Drivers for Stormwater Management

- EPA Guidance & Memos
  - November 2010 memo on stormwater allocations in TMDLs
- Permits & TMDLs
  - District of Columbia MS4 Permit
  - State Permits
- Green infrastructure under CSO consent decrees



# EPA Integrated Planning Effort

- Holistic approach to stormwater and other CWA requirements
- Potential for innovative solutions to address stormwater and wet weather issues

