National Stormwater Monitoring, Certification & Verification:

SWEMA Efforts & Some Thoughts on Program Elements

Washington Stormwater Center
2013 Stormwater Treatment Engineering Workshop
April 5, 2013 Tacoma, Washington
Background/Issues

- Inconsistent Standards Nationally
  - 50 States, 1 District, Various Territories
  - Little to No Program Consistency

- Monitoring is Both Challenging and Expensive

- Laboratory vs. Field Testing
  - Field Studies Range from $200 - $400 K
  - Lab Studies Tend to be Cheaper, Less Variability, Etc.
Background/Issues

- Current Lack of National Leadership

- Past National Reciprocity Efforts Have Fallen Short of Program Goals and Objectives (i.e. TARP)

- Negative Impacts
  - Private Sector – Increased Expenses to Address Numerous Programs
  - Public Sector
    - Inability to Accurately Compare BMP Performance
    - Inefficiency Due to Duplication

= Death by 10,000 Paper Cuts
The Need

- Consistent Application of Programs Nationally

- National Leadership and Acceptance from EPA and Jurisdictions

- Consistency in Monitoring Evaluation

- Transparency in Program Implementation
The Need

- **Equity** - Standard Testing Protocols Applicable to Both Proprietary and Public Domain BMPs

- Monitoring Protocols Should be Consistent in All Sectors

- No Scientific Justification for Separate Monitoring Standards

- Ability to Provide True Data Comparisons
Current Status

- SWEMA began conversations with EPA HQ Staff in Summer 2012
  - Office of Research & Development
  - Senior Advisor to the Administrator (Office of Water)

- SWEMA Members Participated in 2012 WEFTEC Discussions;
  - First Stakeholder Discussion in 2012

- Continued Interactions with EPA, WEF and NSF International
Current Status

- No Need to Survey Landscape of Programs
- General Feeling that Survey of Different Protocols in US has Been Done
- Slight Updates May be Needed, but Foundation is Established
Next Steps

- Continued Interactions with Partner Groups

- Likely Greater Leadership Role from SWEMA in 2013

- Goal is for Timely Resolution, Not Further Delay
More About SWEMA

Welcome

The Stormwater Equipment Manufacturers Association supports the regulatory and engineering communities, as well as the individual cities and states, in implementing the Clean Water Act. Association members recognize that as cities, counties and states around the country must develop stormwater initiatives, they have few resources to turn to for guidance and help. This, coupled with tight budgets, limited research staff (to find the best solutions for controlling stormwater) and unique regional challenges, creates a monumental task. With the advent of the Stormwater Equipment Manufacturers Association they now have a single source to turn to for direction in the development of their standards and regulations.

Manufacturers of a variety of stormwater equipment have come together as an association to provide guidance and resources to those who must research, plan and implement stormwater solutions. The association also includes distributors, engineering firms, developers and governmental agencies as members. Stormwater Equipment
QUESTIONS

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