

December 13th: Urban Nonpoint Source Subcommittee

Illinois Nutrient Management
Strategy Working Group



Urban Runoff Nutrient Reduction Subcommittee

- Welcome
- Charge to Subcommittee
 - Committee Members—are the right people at the table?
- Septic Systems
 - Collect list of potential expertise
- Current Urban Stormwater Trends and Issues
 - Summary—Josh Ellis, MPC
 - Discussion
- Understanding a Municipal Stormwater Program that Works – Eric Schoeny, Aurora
 - Discussion

Other State Strategies

- INDIANA

- Does not specifically address Urban NPS
- Briefly mentions encouragement of BMPs within MS4 systems
- Seeks to address lower domestic fertilizer use with outreach and education
- Inventories existing programs broadly addressing healthy rivers, etc.

Other State Strategies

- IOWA

Storm water, septic systems, minor POTWs:

“Since nutrient loading in Iowa from these three sources is minor, emphasis will be on monitoring, inspections, education/outreach and upgrades as needed”

– Focus on: reducing runoff, implementing MS4 permits, updated failed septic systems

Other State Strategies

- MINNESOTA
 - Identifies miscellaneous sources, including atmospheric deposition of nutrients, and includes storm water and septic systems in these sections
 - Inventories existing programs and funding structures
 - Focuses on MS4, general construction permits, and low impact design strategies

Other State Strategies

- OHIO
 - Includes “improved urban storm water management practices” as one of the pieces of the NPS reduction strategy
 - Lists green infrastructure practices
 - Does not separate out septic, MS4, or new construction projects/permits
 - *Lake Erie P Task Force also documented voluntary reductions among lawn care management industry

STATE COMPARISONS

| CATEGORY | IN | IA | MN | OH |
|---|----|----|----|----|
| DISTINGUISH BETWEEN URBAN AND AG NPS? | | X | X | X |
| IDENTIFY PORTION OF N & P FROM URBAN NPS? | | | X* | |
| IDENTIFY REDUCTION TARGET? | | | X* | |
| IDENTIFY EXISTING PROGRAMS? | X | X | X | X |
| LIST FUNDING RESOURCES? | X | X | | |
| ARTICULATE PLAN TO ADDRESS GOAL? | | X | X | X |
| OUTREACH AND EDUCATION? | X | X | X | X |
| P LIMITS IN RESIDENTIAL FERTILIZER? | | | | |
| MS4 PROGRAM? | X | | | |
| NEW CONSTRUCTION? | X | | | |

STATE COMPARISONS

- **CONCLUSION:** Urban NPS reduction strategies are a small part of other states' nutrient reduction plans and are usually not included in science assessments.

State Programs Discussion:

How do we wish to position the Urban nonpoint source section in the nutrient reduction strategy?

- Should we include urban NPS as part of statewide scenarios for priority watersheds
- Or should we keep urban NPS strategies as a tool to be applied in priority watersheds with dominant urban land uses

Outline For Writing Team

VIII. Stormwater and Septic Systems

- a. Inventory of Existing Programs
 - i. Identification of Gaps
- b. Reduction Goals and Targets
 - i. Percent vs. Pounds
 - ii. Nitrogen vs. Phosphorus
- c. Recommended Management Practices for Urban and Suburban Nonpoint Nutrient Reductions
 - i. Private sewage treatment system strategies
 - ii. Stormwater strategies
 - 1. Low impact development
 - 2. Green infrastructure
 - 3. Other
 - iii. Sediment reduction strategies

Timeline

- Kick-off meeting—December 13th
- Rough Draft out to Subcommittee—late January/early February
- Rough Draft Conference Call—early February
- Written Draft—March
- Report Out to Working Group—19 March