

# 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 RESIDENTAIL 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 13<sup>th</sup>
- 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