

Nutrient Monitoring Council (NMC) 6th Meeting

September 13, 2016

Illinois EPA, Mississippi River Conference Room, 1029 North Grand Avenue East, Springfield, IL

Agenda

- 10:00 am *Welcome/Housekeeping – Gregg Good (IEPA) and Eliana Brown (IWRC)*
- Important Stuff – bathrooms, lunch, coffee, and other
 - Membership
 - NMC Charges – Sorry, but we will reiterate this at every meeting!
- 10:15 am *Charge 1(a) – N and P Leaving the State – Kelly Warner (USGS)*
- USGS Super Gage and Web Display Updates
 - Recommended additional Super Gage – Lemont (USGS 05536890) or Joliet (IEPA G-23, USGS 0553790)?
 - Cost? Any ideas on how to fund? Specific recommendation to the Policy Working Group?
- 10:40 am *Havana Lowlands Groundwater Study - Section 106 Monitoring Grant Update – Rick Cobb (IEPA)*
- 10:50 am *Great Lakes to Gulf Virtual Observatory Demonstration Using Illinois EPA Ambient Water Quality Monitoring Network Data in Watersheds Recommended for Nutrient Monitoring Plan Development – Update - Jong Lee (U of I - NCSA)*
- 11:15 am *Intensively Managed Landscapes – Critical Zone Observatory, Upper Sangamon River - Praveen Kumar (U of I)*
- Noon *Lunch (will be provided)*
- 12:45 pm *Watershed Nutrient Monitoring Plan Template Development*
- The Goal – To try and show nutrient reduction and water quality progress in priority watersheds through monitoring (Charges 1b-loads, 1c-trends, 2-water quality outcomes)
 - Today's Exercise – Brainstorm the development of a Watershed Nutrient Monitoring Plan “Template” or “Outline.” If NMC writes these plans, or if they are contracted out for development, we need to know what to include. Template items might include:
 - Executive Summary

- Introduction
- Watershed Nutrient Monitoring Plan Goals/Objectives
 - N and P Load Estimation
 - Trends in Loading Over Time
 - Water Resource Quality Outcomes
- Public Participation
- Study Area Description (e.g., size, land use, water and land resources inventory, inventory of point and nonpoint sources, other)
- Historic and Existing Monitoring and Baseline Data in the Watershed
 - Chemical, Physical, Biological
- Needed Additional Monitoring in the Watershed
 - Chemical, Physical, Biological
- Monitoring Design
- Implementation
- Data Management
- Quality Assurance/Quality Control
- Assessment/Evaluation Methodologies
- Results and Reporting
- Monitoring Entities
- Monitoring Costs
- Potential Funding and In-Kind Resources
- Milestones/Timelines
- Limitations/Constraints
- Next Steps
- Appendices
- Other _____
- Other _____

- Pick a Pilot Watershed to Start In – At the July 28, 2016, NMC Meeting, the Upper Middle Fox, Chicago/Calumet, Kaskaskia and L. Springfield were all thrown out as potential places to start.

2:10 pm Next Steps – Eliana Brown and Gregg Good

- Today's Action Items?
- Future Topics/Presentations for Next Meeting?

2:20 pm Next meeting dates(s) – December 6 and, um, we better pick some more!

2:30 pm Adjourn