NUTRIENT MONITORING COUNCIL

MEETING 1: MAY 13

Photo by Thomas Durbin, "Water is… Contest"

ORGANIZATIONAL MATTERS

Purpose: Establish NMC and Clarify Goals

Structure: Working Group

IWRC Role: Facilitation

Terms of Service: 2 years

Meeting frequency: 3-4x/year

Introductions:

Co-Chairs: Selection

COUNCIL CHARGE

Council Charge:

1. To develop a nutrient monitoring program (e.g., program design, data collection and methods, data analysis and assessment, QA, reporting, evaluation) that, if implemented:

    a. Collects the necessary information to generate estimations of 5-yr running avg. loads of Nitrate-Nitrogen and Total Phosphorus leaving the state of IL and high priority selected 8-digit HUC basins; and

    b. Identifies trends in loading over time as compared to 1997-2011 baseline conditions.

Council Charge:

2. To develop a prioritized list of nutrient monitoring program activities and associated funding needed to accomplish the charges/goals listed in a. and b.

Council Charge:

3. **Should we calculate** statewide/8-digit HUC loads of **other nutrients?**

- Potassium?

Council Exercise:

What form of nutrients are we measuring (TP, TN, SRP, etc)?

Council Exercise:

What should be monitored going forward?

Council Charge:

4. **Should we calculate** statewide/8-digit HUC **Sediment Loads?**

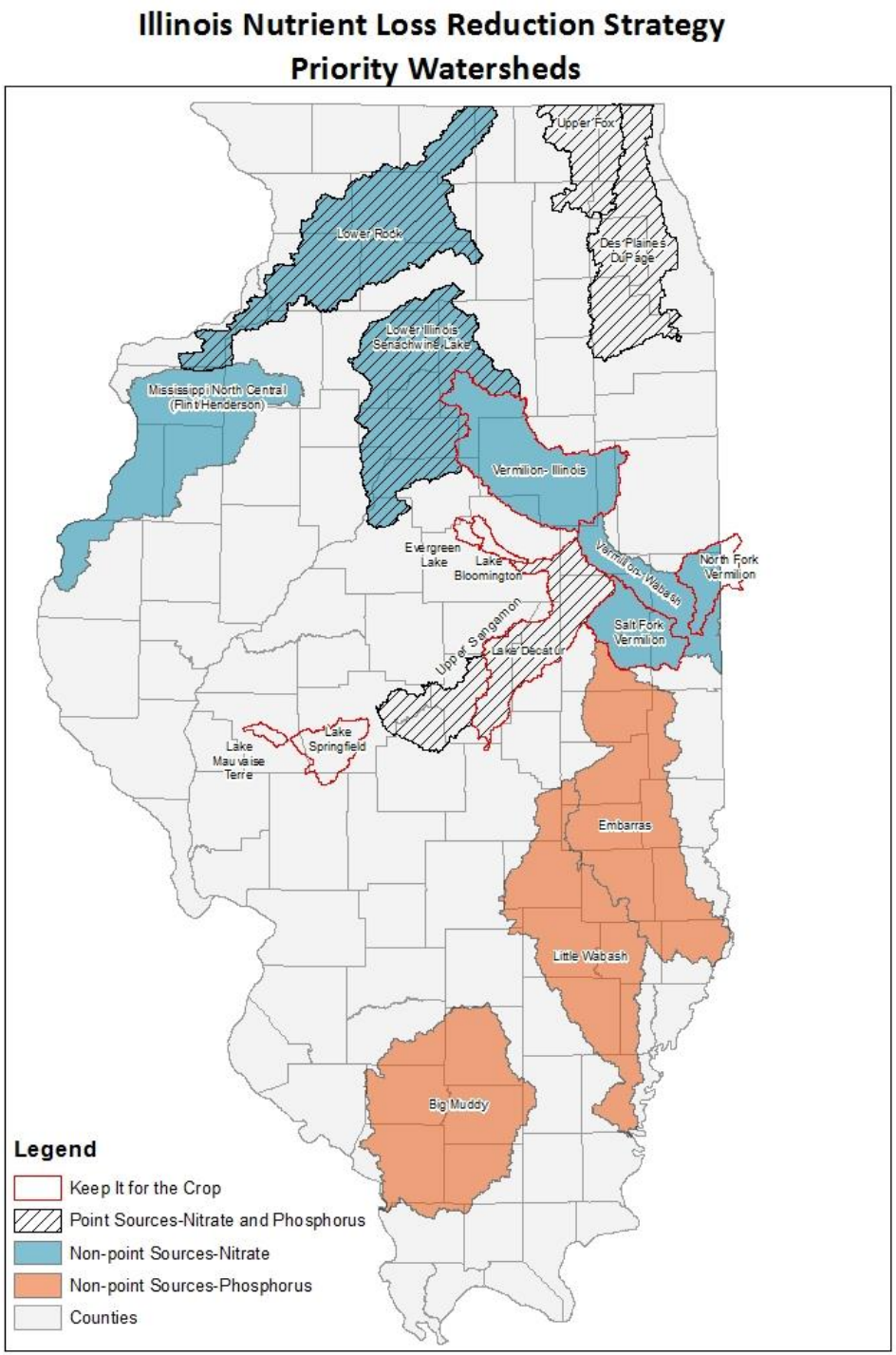
Council Charge:

5. **How do we measure local water quality?**

- Do we include the biological component?
- If so, what should we measure?

Council Charge:

6. How do we prioritize location?



Council Charge:

7. Given the goal that we need to be up and running in 1.5 years:

- What is the strategy on monitoring density in priority vs non priority watersheds
- How do we phase this in over time?

Council Charge:

8. Do we identify Existing low phosphorus (<0.04 mg/l) streams in Illinois?

Council Charge:

9. Discuss need to coordinate with the Ag WQ Partnership Forum workgroup to accomplish adaptive management

- AWQPF workgroup tracks BMP implementation and transect survey data

NEXT STEPS

Next Steps

- Co chairs?
- Co-Chairs will put together work plan and agenda for the next meeting

Next steps:

Meeting scheduling In 3 or 4 months

What is Best, July or Aug?

THANK YOU!