Concerns and Priorities for Water in Ohio

Ohio Work Group Monitoring Meeting

March 17, 2017

Small Group Discussion

- List of concerns and priorities for Water in Ohio
- Highest priorities
- What solutions or data would help?

Concerns and Priorities – Recurring Themes

- HABs (noted by all groups)
- Concerns about Funding, Money, Budgets (noted by 5 groups)
- Aging Infrastructure (noted by 4 groups)
  -sewage treatment, dams, water supply, distribution, combined sewer overflows
- Climate change or Climate variability (noted by 4 groups)
  - Unknowns about rainfall intensity
  - More reliability/continuity in soil temperature
  - Water use
- Noted by 3 groups: Nutrients and Invasive Species (Asian Carp, Sea Lamprey)

Highest Priorities

- HABs (three groups marked this as one of the highest priorities)
- Excessive Nutrient Loading
- Aging Infrastructure
- Climate change (unknowns about rainfall intensity and more reliability/continuity in soil temperature)
- Land use patterns
- Budget and Funding
- Nutrients
- Regulations/Deregulations
- NPS/Point Source Pollution
- Hydrofracking
- Asian carp
- SW Quality (nutrients)
- High Frequency water use data

Themes: What is needed to help solve the issues?

- ✓Public Education, Outreach, Communication, User Friendly Results
- ✓Coordination, Collaboration, Community Buy In
- ✓Funding
- ✓Research
- ✓Monitoring and Data
- ✓Infrastructure improvements
- ✓Data sharing, information movement
- ✓Green infrastructure
- ✓Cover Crops

Themes are ranked in order of most recurring as listed by groups.

What is needed to help solve the issues? Other solutions and thoughts . . .

- ✓4 R's: Rate, time, source, place
- ✓Treatment trains for waste water
- ✓Universal methods for data collection
- ✓Sharing resources regionally
- ✓Permit limits
- ✓ID hotspots/legacy fields/contributing to P
- ✓Can monitoring be done by one user so that all needs are met for all users
- ✓HABS - standardization predictive capabilities
- ✓Watershed Analysis
- ✓Toxins
- ✓ Mapping extent of invasive species
- ✓ More effective regulations (low hanging fruit)
- ✓ Projected climate change modeling (on a macro scale)
- ✓ Current technology/advancement
- ✓ Regulation on watershed
- ✓ Better Data Management / QAQC
- ✓ Water use Data Faster by Aquifer
- ✓ Prioritizing expenses/focus on prevention versus response