



NATIONAL WATER QUALITY MONITORING COUNCIL

Working Together for Clean Water

Changing Expectations of Monitoring

Changing expectations

1. Increase number and diversity of stakeholders
2. Greater public access to data—web based
3. Increased sharing of data and use of data from diverse sources (volunteer monitoring, local government)
4. Use monitoring to evaluate and refine WQS
5. Chase the chemical du jour

6. Integrated Report...

- Sampling ALL waters vs. using probabilistic design
- Issues of scale...what is “a water”?
- How to relate ground water
- Doing more with less
 - focus on national or regional assessments
 - Regional consistency

7. Expect the data to do more

- Metadata
- Improved QA—higher burden of proof
- Expand types of data collected (bio, chemical, physical, habitat, landuse)
- Lower and lower detection limits

8. Increased use of bioassessment

- No early warning
- Cause and effect (multiple stressors, cumulative impacts)
- No TMDL for landuse impacts and habitat changes

Recommendations

1. Revisit/reconstitute old 305(b) workgroup...IR Consistency Workgroup

Recommendations

2. Increase availability of existing tools (ex—ecoregionalization, RBPs, tiered aquatic life use)
3. Need for additional research on biological effects (ex—toxicity, threshold values)
4. Use PBS to assure comparability of data (volmon, local government, etc)

Recommendations

**5. GIVE US THE
RESOURCES —
WE CAN DO ANYTHING!**