

Nutrient Science Advisory Committee Tentative Conclusions and Next Steps

November 18 2016

1-3 pm Central Time / 2-4 pm Eastern Time

TENTATIVE CONCLUSIONS

1. Based on the information presented, Tetra Tech will continue to perform analyses with two sets of chlorophyll-a data: i) observations with the collection-to-analysis time $\leq 28d$ and ii) observations with the collection-to-analysis time $\leq 180d$. An analysis of existing data indicates that chlorophyll values from samples analyzed within 28 days of collection are similar to those held between 29 – 180 days before analysis.
2. There have delays in receiving USGS and National Rivers and Streams Assessment (NRSA) data outside of Illinois. As such, NRSA analysis to date is based on a partial dataset.

NEXT STEPS

1. Jon Harcum, Tetra Tech, will i) expand the distributional statistics to include a grouping of stressed and highly stressed stations, ii) evaluate assumption of non-detect values and its potential impact, and iii) replicate the “chlorophyll-a numerical experiment” for total nitrogen and total phosphorus.
2. Todd Royer will make the multi-metric index report available to NSAC.
3. NSAC will make a decision on USGS and NRSA data when those data become available.
4. Paul Terrio will obtain the Midwest Stream Quality Assessment (MSQA) report and distribute to NSAC.
5. Todd Royer will draft a few paragraphs for the NLRs biennial report to USEPA and distribute to committee member by Dec 14.
6. At the next meeting, NSAC will address the conceptual model and site specific data.

Future meetings

Friday, December 16 Conference Call 1:00pm - 3:00pm CT

Monday, January 9 Conference Call 1:00pm - 3:00pm CT

Monday, February 13 Face to Face @ Illini Union