

Albemarle-Pamlico National Estuary Partnership Water Resources Monitoring & Assessment Team

WebEx Meeting

9:00 – 10:30 AM

May 3, 2018

In attendance: Michelle Moorman (USFWS; Team Lead), Randall Etheridge (ECU), Brandon Puckett (NERR/NCCR), Brian Wrenn (NCDWR), Roger Everton (VADEQ), Dan Obenour (NCSU), Rachel Noble (UNC IMS), J.D. Potts (NCDMF), Nat Wilson (NCDWR), John Fear (NCSG), Dean Carpenter (APNEP), Tim Ellis (APNEP), Jimmy Johnson (APNEP)

Agenda/Summary:

The purpose of this meeting was to continue refinements of the current list of water resources indicators and associated metrics, including identifying which areas most aligned with specific team members based on their expertise and interest. The team also began discussions on how to prioritize indicator development and assessment going forward.

There were several questions raised during this meeting regarding the indicator assessment process, including:

- What data are available and what data should be used?
- Are datasets comparable if they were generated from different field or lab methods (e.g., cyanotoxins)?
- What is the scope of the work (i.e., what does an “assessment” entail)?
- What methods are appropriate for data analysis?
- Should existing regional datasets and analyses be used or is a separate analysis needed?

A subgroup of team members (Michelle, Dan, Brian, Hans, and Roger) will begin working through these questions for a suite of “eutrophication” indicators, with the possibility of assistance this summer from an NCSU undergraduate mentored by Dan Obenour. This project will serve as a pilot to develop guidance for additional indicator assessments by the larger team. Rachel Noble offered the possibility of mentoring a UNC undergraduate this fall to do a similar approach for a suite of “fecal” indicators.

An updated list of indicators, which includes all edits made during this meeting, will be emailed to the team for future discussion.