



FINAL NJ Water Monitoring Council

Measuring What Counts for Clean & Plentiful Water

MEETING AGENDA

September 18, 2019, 9:00am – 4:30pm

Location: NJDOH Public Health Environmental and Agricultural Laboratories Auditorium

➤ **Council Business and Announcements** - Leslie McGeorge, DEP/DWM&S and Bob Reiser, USGS NJWSC (9:00-9:30)

- Introductions & Approval of May 22, 2019 minutes (*handout*)
 - Next Council Meeting: January 22, 2020 (snow date – February 5) (Location – DEP HQ), Topic Recommendations: _____
- NJ Watershed Watch Network – Erin Stretz, The Watershed Institute
- New USGS Reports – Pam Reilly, USGS NJWSC
- USGS Northeast Region HABs Workshop (9/24-26) – Bob Reiser

➤ **2019 NJ Harmful Algal Blooms (HABs)**

- *Summary of 2019 NJ HAB Events* - Vic Poretti, DEP/BFBM and Rob Newby, DEP/DSR (9:30-10:15)
- *NJ Cyanobacteria Occurrence and Distribution & HAB Monitoring at Greenwood Lake* – Meiyin Wu, Montclair State University (10:15-10:40)

BREAK (10:40-10:55)

- *Correlation of HAB, Nutrient and Rainfall Data - Discrete and Continuous Monitoring* – Bob Schuster, DEP/BMWM (10:55-11:25)

➤ **National and Regional HAB Monitoring**

- *Cyanotoxin Occurrence in the Nation's Large Rivers* – Jennifer Graham, USGS NYWSC (via WebEx) (11:25-11:50)
- *A Review of Water Quality Data of Some Select Mid-Atlantic Lakes Relative to HAB Development* - Fred Lubnow, Princeton Hydro (11:50-12:20)
- *NY State Harmful Algae Bloom Initiative* – Keleigh Reynolds, NYDEC (via WebEx) (12:20-12:45)

LUNCH (12:45-1:45)

➤ **Advanced Monitoring Techniques for HABs**

- *HAB Monitoring and Factors that Stimulate Cyanobacteria in the Northeast* - Bob Kortmann, Ecosystem Consulting Service (1:45-2:15)
- *USGS Rapid Deployment Systems to Monitor HABs* – Heather Heckathorn, USGS NJWSC (2:15-2:40)
- *DEP's Remote Sensing Efforts via Satellite, Fixed Wing Aircraft and Drone* – Bob Schuster, DEP/BFBM (2:40-3:05)

BREAK (3:05-3:20)

- *Cyanobacteria Assessment Network (CyAN)* – Blake Schaeffer, EPA (via WebEx) (3:20-3:45)

➤ **HABs and Water Supply**

- *HAB Monitoring and Response by Water Supply Purveyors* – Jeff Hoffmann, DEP/DWS&G (3:45-4:00)
- *2019 HAB Monitoring and Water Supply Response at Spruce Run and Manasquan Reservoirs* - Heather Desko, NJWSA (4:00-4:30)