



FINAL AGENDA



New Jersey Water Monitoring Council and Barnegat Bay Partnership Joint Technical Meeting on Barnegat Bay

Ocean County College, Toms River, NJ
Arts and Community Center
February 6, 2013

- 8:30-9:00 am** **Registration and Coffee**
- 9:00-9:10 am** **Welcome and Meeting Objectives:** *Leslie McGeorge, DEP/Water Monitoring and Standards, Stan Hales, BBP and Kerry Kirk Pflugh, DEP/Office of Constituent Services*
- 9:10-10:00 am** **NJ Water Monitoring Council Discussion**
Leslie McGeorge and Bob Reiser, USGS NJ Water Science Center
- Introductions and New Council Members (*handout – updated list of members*)
 - Approval of October 3, 2012 Meeting Minutes
 - Next Meeting – May 22 (USGS), Technical Topic recommendations
 - 2012 NJ Water Monitoring Summit and Future Summit Ideas/Locations
 - Update on Inland Waters Flood Monitoring Plan – *Dean Bryson*
 - Announcements
 - o National Research Council Report: Preparing for the 3rd Decade of NAWQA – *Bob Reiser*
 - o USGS WaterNow Data Notification Service – *Bob Reiser*
 - o 2013 National River & Stream Assessment in NJ – DEP/DRBC – *Vic Poretti*
 - o Headwaters IBI – *Brian Henning*
 - o Delaware Estuary Science Symposium – *Bob Tudor*
- Barnegat Bay Technical Session**
- 10:00-10:40 am** **NJDEP Barnegat Bay Ambient Water Monitoring Project**
- **Partnerships and Objectives**– *Leslie McGeorge*
 - **Monitoring Locations and Implementation (Tributaries and Bay)** – *Chris Kunz and Bob Schuster, DEP/WM&S*
 - **Results to Date and Next Monitoring Phase** – *Helen Pang and Trish Ingelido, DEP/WM&S*
- 10: 40-10:50** **Break**
- 10:50-11:10** **Flow & Continuous Water Quality Monitoring in Barnegat Bay Watershed**
Andrew Watson & Jack Gibs, USGS NJWSC
- 11:10-11:30** **What Can Continuous Water Quality Monitoring Tell Us about Hurricanes Irene and Sandy in Barnegat Bay** – *Jim Nickels, Monmouth University*
- 11:30-11:50** **Continuous Real-time Water Quality Data Collected in Barnegat Bay at Mantoloking During Hurricane Sandy** – *Larry Feinson, USGS NJWSC*
- 11:50-12:10** **Q&A**

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- 12:10 -1:00** **Lunch** (pre-ordered box lunch or on your own)
- 1:00- 1:30** **Bottom Characterization, Hydrodynamics, Loadings and Water Quality Modeling in Barnegat Bay-Little Egg Harbor Watershed** – *Bob Nicholson & Fred Spitz – USGS NJWSC*
- 1:30-2:00** **2013 Barnegat Bay Assessment Process** – *Debra Hammond, DEP/WM&S*
- 2:00-2:30** **DEP – Sponsored Barnegat Bay Research Projects** – *Tom Belton, DEP/OS*
- 2:30-2:40** **Break**
- 2:40- 3:00** **Water Quality Impacts on Wetlands in Barnegat Bay** – *Tracy Quirk, ANSD and Martha Maxwell Doyle, BBP*
- 3:00-3:20** **Barnegat Bay Subaqueous Soil Survey Early Findings and Implications** – *Rob Tunstead, USDA/NRCS*
- 3:20- 3:40** **Barnegat Bay Hard Clam Populations and Water Quality** – *Monica Bricelj, Rutgers University*
- 3:40- 4:00** **Shellfish Closures in Response to Hurricane Sandy** – *Bob Schuster, DEP/WM&S*
- 4:00 – 4:20** **Q&A**

Potential Upcoming Meeting Technical Topics:

- Nutrients (2010)
- Biological Monitoring (2005)
- Water Quality Indices/Report Cards
- Ground Water (quality & quantity)
- Sediment monitoring
- Air Deposition: Impacts to Water
- Monitoring Impacts of Dam Removal