

# NJ Water Monitoring Coordinating Council

## Measuring What Counts for Clean & Plentiful Water

### MEETING AGENDA

February 3, 2010 (Snow Date – February 9)

9:30am – 3:45pm

USGS – NJ Water Science Center

- **Council Business** - *Leslie McGeorge & Rick Kropp/Eric Vowinkel*
  - Minutes from September 30, 2009 meeting (*handout*) & 2010 Meeting Dates – 5/19 (Wetlands Monitoring), 9/22 (9:30-9:40)
  - New Council Members – Alyse Greenberg (Stony Brook Millstone Watershed Association), Nancy Lawler (Musconetcong Watershed Association) (9:40-9:50)
  - 2009 NJ Water Monitoring & Education Summit – *Danielle Donkersloot & Alena Baldwin-Brown DEP/WM&S* (9:50-10:00)
  - 12/09 National Water Monitoring Council Meeting (State Councils, Nat Conf – 4/25-29) – *Leslie* (10:00-10:15)
  - Emerging Contaminants Subcommittee - *Ray Bousenberry, DEP/NJGS & Caitlyn Nichols, IEC* (10:15-10:25)
  - Member Announcements (10:25-10:40)
    - National Ground Water Monitoring Network – NJ Pilot (DEP & USGS) – *Karl Muessig, DEP/NJGS*
    - National Coastal Assessment: NJ – *Bob Connell, DEP/WM&S*
    - National Lakes Assessment Report – *Al Korndoerfer/Vic Poretti, DEP/WM&S*
    - New DEP Water Monitoring & Standards ListServs – *Alena Baldwin-Brown*
- NJ Water Quality Data Exchange System Update – *Paul Morton, DEP/WM&S* (10:40-11:00)
- NY/NJ Harbor Dischargers' Monitoring Program – *Ashley Pengitore, NY/NJ Harbor Dischargers* (11:00-11:20)

### **Technical Presentations & Discussion – Nutrient Criteria and Nutrient Monitoring**

- Nutrient Criteria (NJ & National) & Nutrient Criteria Enhancement Plans: NJ & Delaware - *Debra Hammond, DEP/WM&S and Erik Silldorff, DRBC* (11:20-12:30)

LUNCH (12:30 - 1:30 pm)

### **Technical Presentations & Discussion – Nutrient Criteria and Nutrient Monitoring (cont)**

- DEP Nutrient Monitoring: Freshwater & Coastal – *Al Korndoerfer/Tom Vernam & Bob Connell* (1:30-2:10)
- Development of Nutrient Criteria for NJ's Streams, Lakes & Estuaries Using Algal Diatoms – *Tom Belton, DEP/OS* (2:10-2:35)
- Sensors – Nitrate Results (Passaic & others) and Sensor Research on Nitrate & Other Parameters – *Jack Gibs & Eric Vowinkel, USGS NJ Water Science Center* (2:35-3:05)
- Vulnerability of Surface Water to Nitrate Contamination – *Ron Baker/Eric Vowinkel, USGS NJ Water Science Center* (3:05-3:25)
- Barnegat Bay Project Announcement (NEIWPC, Rutgers/IMCS, USGS): Nitrogen Sources, Loading & Eutrophication in Barnegat Bay & Little Egg Harbor (3:25-3:35)
- Next Steps/Wrap Up (3:35-3:45)

#### **Potential Upcoming meeting topics:**

- Wetlands Monitoring
- Air Deposition: Impacts to Water
- Assessment Methodologies