

# Wisconsin Beach Health: Research, Management and Building Awareness

Lake Michigan Meeting  
May 4-5, 2011  
The Johnson Foundation at Wingspread  
33 East Four Mile Road  
Racine, WI 53402

## Wednesday, May 4, 2011

**8:30-9:00**      **Registration**

**9:00-9:10**      **Opening and Logistics**

**Welcome**                      John Dickert, Mayor  
City of Racine

**9:10-9:30**      **Opening Remarks**      Greg Kleinheinz, Director  
Environmental and Public Health Microbiology Laboratory  
University of Wisconsin-Oshkosh

Beach Act and Water Quality Criteria Updates  
Expansion of New Rapid Test Method Labs  
Public Health Connections to Nonpoint and Point Sources of Pollution

**9:40-11:00**      **Rapid Water Quality Monitoring Session**

9:40-10:00      Quantitative Real-Time Polymerase Chain Reaction (QPCR)  
Julie Kinzelman, *City of Racine Health Department*  
10:00-10:20      Implementing "Nowcast" Models  
Adam Mednick, *Wisconsin Department of Natural Resources*  
10:20-10:40      USGS Advanced Monitoring and Modeling Activities  
Steve Corsi, *USGS Wisconsin Water Science Center* (invited)  
10:40-10:55      Discussion

**10:55-11:10**      **Break**

**11:10-12:25**      **Reporting, Notification and Communication Session**

11:10-11:30      Wisconsin Beach Health Website Updates  
Susan Phillips, *USGS Wisconsin Water Science Center*  
11:30-11:50      Development of a Beach Safety Outreach Program  
Mark Werner, *Wisconsin Department of Health Services*  
11:50-12:10      Great Lakes Beach Information Communication System  
Gene Clark, *University of Wisconsin Sea Grant Institute*  
12:10-12:25      Discussion

**12:30-1:30**      **Lunch**

**1:30-3:05**      **Beach Sanitary Survey and Source Tracking Session**

- 1:30-1:50 Statewide GLRI Beach Sanitary Surveys  
Greg Kleinheinz, *University of Wisconsin-Oshkosh*
- 1:50-2:10 Bay-Lake Beach Sanitary Survey Project  
Angela Pierce, *Bay-Lake Regional Planning Commission*
- 2:10-2:30 Genetic Markers for Human and Non-Human Sources of Fecal  
Pollution  
Sandra McLellan, *UW-Milwaukee Great Lakes WATER Institute*
- 2:30-2:50 Identifying Beach Contamination through Volunteer Action  
Todd Brennan, *Alliance for the Great Lakes*
- 2:50-3:05 Discussion

**3:05-3:20 Break**

**3:20-4:35 Mitigation and Management Session**

- 3:20-3:40 Implementation of Best Management Practices at Door County  
Public Beaches  
Amanda Surfus, *Door County Soil and Water Conservation  
Department*
- 3:40-4:00 Bradford Beach Stormwater Practices and Blue Wave Certification  
Jaren Hiller, *AECOM*
- 4:00-4:20 Implementation of Mitigation Measures at City of Racine Beaches  
Julie Kinzelman, *City of Racine* and Jaren Hiller, *AECOM*
- 4:20-4:35 Discussion

**4:35-5:05 Next Steps and Closing Remarks**

Mike Friis, *Wisconsin Coastal Management Program*  
Bob Masnado, *Wisconsin Department of Natural Resources*

**5:05-5:10 Training Workshop Logistics**

**Thursday, May 5, 2011**

**8:30-12:30 Virtual Beach Training**  
Adam Mednick, *Wisconsin Department of Natural Resources*

**8:30-10:00 QPCR Training**  
Tamara Anan'eva, *City of Racine Health Department*

**10:00-10:30 Break**

**10:30-12:00 Remediation Tour and Sanitary Survey Sampling**  
Julie Kinzelman, *City of Racine Health Department*

**12:30 Meeting End**