

Wisconsin Beach Health: Research, Management and Building Awareness

Lake Superior Meeting
April 27-28, 2011
Sigurd Olson Environmental Institute, Northland College
1411 Ellis Avenue
Ashland, WI 54806

Wednesday, April 27, 2011

- 8:30-9:00** **Registration**
- 9:00-9:10** **Opening and Logistics**
- Welcome** Michael Miller, President
Northland College
- 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
Emelia McAuliff, *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**
- 1:30-2:45** **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 Chequamegon Bay Area Beach Sanitary Survey Project
Wendy Gorman, *SOEI Northland College*
2:10-2:30 Identifying Beach Contamination through Volunteer Action
Todd Brennan, *Alliance for the Great Lakes*
2:30-2:45 Discussion

2:45-3:00 Break

3:00-4:15 Mitigation and Management Session

3:00-3:20 TBD
3:20-3:40 Beach Cleanups and Grooming
Mike Gardner, *SOEI Northland College*
3:40-4:00 Implementation of Mitigation Measures at City of Racine Beaches
Julie Kinzelman, *City of Racine*
4:00-4:15 Discussion

4:15-4:45 Next Steps and Closing Remarks

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

4:45-4:50 Training Workshop Logistics

Thursday, April 28, 2011

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

8:30-10:00 Beach Grooming Demonstration and Sanitary Survey Sampling
Mike Gardner, *SOEI Northland College*
Wendy Gorman, *SOEI Northland College*

10:00-10:30 Break

10:30-12:00 QPCR Training
Julie Kinzelman, *City of Racine Health Department*

12:30 Meeting End