

**BOARD OF HEALTH MEETING
January 13, 2008
LABORATORY REPORT**

DEPARTMENT: Laboratory

REPORT FOR THE MONTH OF: December, 2008

Highlights:

- The biological safety cabinet and chemical fume hood were tested and re-certified for another year.
- Mr. Kirk Abbott completed his MS thesis. His thesis research examined annual variability in Root River water quality based on a set of chemical and microbial parameters. His thesis has been posted on the City of Racine public website (water quality research, Root River Assessments).
- Fifteen dairy samples were analyzed from various establishments in December; six (40%) failed.
- Our manuscript on pathogens in gull feces appeared in the online version of the *Canadian Journal of Microbiology* in the December issue. The print version is forth coming.
- The manuscript dealing with human-specific *Bacteroides* as a source tracking tool has been accepted for publication in the journal *Applied and Environmental Microbiology*. Publication date is pending.
- Dr. Kinzelman was invited by the US EPA to participate as a member of the steering committee which is planning the US EPA National Beaches Conference (April 2009) as the representative of local municipalities/public health. She was also invited to co-present a workshop/training on beach monitoring and convene a session on the impact s of infrastructure on beach design and water quality.
- Dr. Kinzelman, Stephan Kurdas, and Adrian Koski submitted abstracts to present the results of our Root River and beach water quality research at the American Water Works Association, WI Chapter meeting in February 2009. We should be notified of acceptance by mid-January.
- Dr. Kinzelman submitted an abstract to WALHDAB to present a talk at their annual conference (May 2009) on the utility of beach sanitary surveys in identifying pollutant sources to surface waters. She should be notified of acceptance by late January.
- Final grant reports were submitted to the Root-Pike Watershed Initiative Network and WI DNR. A Q2 progress report was submitted to the WI Coastal Management Program.
- A teleconference was held with various state and local officials at the request of Michigan City, IN Mayor Charles Oberlee to discuss water quality testing, research initiatives, and remediation measures employed by the City of Racine. Michigan City wants to follow suit in improving the management of their beaches/shoreline.
- Dr. Kinzelman is being considered as an appointee to the WSLH board.
- Dr. Kinzelman was invited to give a talk at a UW-Oshkosh sponsored meeting, *Cladophora and Lake Michigan Beaches: Community Options for Management*. The meeting will be held January 16, 2009 at UW-Oshkosh.
- Dr. Kinzelman attended US EPA sponsored training on the use of rain gardens to reduce run-off.

CONFERENCES/MEETINGS/TRAINING – December 2008

Date	Conferences/Meetings/Training	Purpose
12/2/08	Dr. Susan Bornstein – Marion University	Discuss potential grant opportunity
12/3/08	EPA Webcast – Rain Gardens	Training
12/4/08	Michigan City, IN – Conference Call	DS Racine beach research & BMPs
12/9/08	US EPA – Steering Committee Conference Call	Plan National Beaches Meeting
12/10/08	Great Lakes Regional Collaboration	Quarterly teleconference
12/16/08	US EPA – Steering Committee Conference Call	Plan National Beaches Meeting
12/30/08	Jessica Rozzoni, UW-Parkside	Student Interview