

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

DEPARTMENT: Laboratory

REPORT FOR THE MONTH OF: April, 2008

Highlights:

- Dr. Kinzelman attended mandatory disaster preparedness training at Mitchell International Airport.
- Jenny Lavender, our MS student, presented on her thesis research twice at UW-Parkside during the month of April, as a requirement for her coursework and as a participant in the University of Wisconsin – Parkside Student Showcase (demonstrating scholarly excellence in research, creative activity, community engagement).
- Dr. Kinzelman spoke to Racine chapters of the Alliance for the Great Lakes Adopt-A-Beach program. These citizen volunteer groups volunteer to adopt segments of the shoreline much as the Adopt-a-Highway groups do but, in addition to removing and cataloging refuse, they also conduct some citizen-based water quality analyses.
- The WI DNR has had funding approved to provide the City of Racine with monthly measurements of select nutrients (total/dissolved phosphorous and nitrogen) on the Root River for the period of July 2008 to June 2009. Laboratory staff will collect the samples in conjunction with other grant related activities and there is no cost to the City of Racine. These analyses will assist in grant funded Root River assessment projects.
- Dr. Kinzelman met with representatives of the UK Environment Agency and Scottish Environment Agency to discuss potential data exchanges or projects related to Racine beach initiatives such as predictive modeling, real-time testing, and beach sanitary surveys.
- Four candidates from the University of Surrey Water and Environmental Engineering program were interviewed to do their MS dissertation project as part of grant funded research in Racine.
- A manuscript related to the presence of potential human enteric pathogens in gull feces was submitted to the *Canadian Journal of Microbiology*.
- Racine was selected as the site of a national press release by the US EPA Office of Water to announce the newly created beach sanitary survey (BSS) tool designed to assist municipalities and beach managers in identifying local pollution sources impacting bathing beaches. Racine has been active throughout the development, trialing, and implementation. Proposed text in the federal re-authorization of the Clean Water Act, as amended by the BEACH Act, includes permissive language allowing grant recipients to now use federal dollars not only for beach monitoring and public notification but for BSS. This BEACH Act re-authorization has passed the House of Representatives in April and has been introduced in the Senate.

CONFERENCES/MEETINGS/TRAINING

Date	Conferences/Meetings/Training	Purpose
4/1/08, 4/2/08	Mitchell International Airport/ICS 300	Training
4/3/08	UW-Parkside/Research presentation	MS student requirement
4/3/08	City Hall/GLSLCI BOD conference call	Monthly conference call
4/4/08	City Hall/Mayor Becker, Ben Hughes	Discuss upcoming presentation
4/7/08, 4/9/08	Mitchell International Airport/ICS 400	Training
4/8/08	City Hall/Great Lakes Regional Collaboration	Beach Initiative conference call
4/8/08	City Hall/BOH	Monthly meeting
4/11/08	Library/Stress in the Workplace	City wellness program
4/14/08	Volunteer Center/Adopt-A-Beach Program	Speak to new groups
4/15/08	City Hall/Great Lakes Regional Collaboration	Beach Initiative conference call
4/17/08	University of Surrey/Mr. Brain Clarke	D/S potential students for Racine
4/18/08	University of Southampton/Professor Bill Keevil	D/S real-time PCR, <i>Campylobacter</i>
4/21/08	London/ Scottish Environment Protection Agency	Present on BSS, predictive models
4/23/08	Exeter/UK Environment Agency	Discuss real-time PCR projects
4/24/08	University of Surrey/Robens Centre for Public Health	Interview student candidates
4/25/08	UniS/Great Lakes Regional Collaboration	Beach Initiative conference call
4/28/08	UW-Parkside/Environmental Studies Steering Committee	Quarterly meeting