

# Board of Health Meeting

September 11, 2012

DEPARTMENT: Laboratory Services

PREPARED BY: Julie Kinzelman, PhD, MT (ASCP)

MONTH: August 2012

## Highlights

Date	Meeting	Purpose	Outcome
August 2, 2012	Milwaukee Metropolitan Sewer District (MMSD), City of Waukesha, and City of Racine	Discuss Root River water quality monitoring	Two separate meetings were held to discuss water quality monitoring on the Root River. MMSD would like to coordinate sampling days for the upper and lower river. Waukesha wanted to know types of monitoring as a precursor to potentially using the Root River as a return option for their diversion.
August 6 - 8, 2012	National Environmental Monitoring Council (NEMC) and US Environmental Protection Agency (EPA) Office of Water - Washington, DC	Presentation / meeting with Oakridge Institute for Science and Education (ORISE) and discussed revisions to national recreational water quality criteria	Gave an invited presentation titled "Laboratory Implementation and Validation of qPCR" at NEMC, a conference for laboratory accrediting officers. Met with the Director of the EPA Office of Water, Division Directors, Branch Chiefs, and staff to discuss proposed revisions to the national water quality criteria. Also met with Tamara Anan'eva's ORISE mentors, a requirement of her placement. Racine's contributions are informing the development of recreational water quality criteria nationally.
August 10, 2012	US EPA Region 5 Beach Program and Videographers	Filming for training DVD related to beach sanitary surveys	AJ Koski and Julie Kinzelman were filmed at various beach locations in Racine and Kenosha as part of a series of instructional videos on how to apply sanitary survey data to mitigation.
August 10 - 31, 2012	Internship opportunity for international student	Transfer of knowledge between Racine and UK colleagues	Mrs. Caryn Novak, a graduate student in the water and environmental engineering program at the University of Surrey, participated in a 3-week internship to learn how we conduct sanitary surveys and build predictive models. Her thesis research will support a UK project called "Delivering Healthy Water" on which Dr. Kinzelman has been asked participate.
August 22, 2012	UW-Milwaukee School of Continuing Education	Instructor: Microbial Methods in Water Management	Attendees acquired a basic understanding of water and health, aquatic microbiology, the use of US EPA tools for managing and assessing recreational waters, and the application of basic microbiological and ecological data in environmental mitigation.