

**BOARD OF HEALTH MEETING
December 12, 2006
DEPARTMENTAL REPORTS**

DEPARTMENT: Laboratory

REPORT FOR THE MONTH OF November 2006

Highlights:

- **Clinical Chemistry:** Shahla and Julie attended respirator training. The laboratory balances received biannual servicing.
- **Microbiology:** The laboratory processed 18 additional investigative samples from a storm water outfall in Washington Park as part of an ongoing project with the Department of Public Works to identify sanitary sewage entry points in to the storm water system. *E. coli* exceeded 235 MPN/100 ml (the USEPA advisory limit for *E. coli*) in 15 of these samples and exceeded 1000 MPN/100 ml in fifteen samples. Cepheid, the manufacturer of our PCR equipment has given us another SmartCycler on indefinite loan in order to allow us to process our research samples more efficiently in light of staff shortages
- **Blood Lead:** Fifty-one patient samples were screened for lead poisoning in November. There were three Class IIA (10 – 14 µg/dl) results reported.

Productivity Measures:

Productivity Measures	Monthly	YTD
Clinical Chemistry:		
Patients served	117	1,345
Tests performed	753	11,741
Microbiology:		
Surface water samples	18	817
Well water samples	33	333
Throat cultures	3	123
Urine pregnancy tests	5	86
Blood Lead:		
Patients served	51	730
Tests	103	1,416
Samples sent to WSLH	0	0

Outcome Achievements:

- Julie gave oral presentations at SOLEC (State of the Lakes Ecosystem Conference, a bi-national conference with Canada held every two years) and the UK Joint Agencies Bathing Water Symposium (Newcastle, County Down, N. Ireland). Six posters of previous Racine beach research were also presented at the UK symposium.

- The Racine Health Department laboratory was selected by the Government Accounting Office in Washington, DC to participate in a pre-survey trial to test a survey tool and provide suggestions prior to it being distributed to Great Lakes Beach managers this winter.
- The beach research conducted in the Racine Health Department laboratory was featured in 3-day series of stories which ran in the *Journal Times* the week of Thanksgiving.
- Natalie Jassoy, due to return from maternity leave on December 11th, has given notice and will not be returning to the laboratory.
- The 2007 budget has been approved and the health department laboratory will continue to operate through December 31, 2007.

**MEETINGS/TRAINING
NOVEMBER**

Date	Staff	Conf./Training Place	Purpose
11/3	J. Kinzelman	Hyatt Hotel, Milwaukee	SOLEC presentation
11/3	J. Kinzelman	City Hall	SmartCycler installed
11/9	J. Kinzelman	City Hall	Clean Beaches Council conference call (Blue Wave)
11/14	J. Kinzelman	City Hall	Board of Health
11/14	J. Kinzelman	DNR Office, Sturtevant	Root-Pike WIN Resource Group meeting
11/15	J. Kinzelman	City Hall	Teleconference – Laboratory Detection of Food & Waterborne Viruses
11/15	J. Kinzelman	City Hall	GAO conference call
11/15	J. Kinzelman	City Hall	Interview, Dave Steinkraus, Journal Times
11/17	J. Kinzelman	City Hall	GLSLCI Beach Standards conference call
11/20 – 11/22	J. Kinzelman	Newcastle, N. Ireland	UK Joint Agency Bathing Water Symposium presentation
11/27 – 12/1	S. Anders	Court House/on-call	Jury duty
11/29	J. Kinzelman S. Anders	City Hall	Annual respirator training
11/30	J. Kinzelman	City Hall	Teleconference – New Packaging & Shipping Regulations