

BEFORE THE ILLINOIS POLLUTION CONTROL BOARD

IN THE MATTER OF:)
)
WATER QUALITY STANDARDS AND) R08-9
EFFLUENT LIMITATIONS FOR THE) (Rulemaking - Water)
CHICAGO AREA WATERWAY SYSTEM)
AND THE LOWER DES PLAINES RIVER:) Subdockets A & B
PROPOSED AMENDMENTS TO 35 Ill.)
Adm. Code Parts 301, 302, 303 and 304)

NOTICE OF FILING

To: ALL COUNSEL OF RECORD
(Service List Attached)

PLEASE TAKE NOTICE that on the 22nd day of June, 2010, I, on behalf of the Metropolitan Water Reclamation District of Greater Chicago (the "District"), electronically filed with the Office of the Clerk of the Illinois Pollution Control Board, **Revised Table II-6, Figure II-1(a), and Figure II-1(b) to the CHEERS Research Update, An Interim Technical Report Prepared for Submission to the Illinois Pollution Control Board, and Appendices.**

The District is filing the Revised Table and Figures pursuant to the discussion of these documents in the pre-filed testimony of Samuel Dorevitch that was filed on May 28, 2010. The Revised Table and Figures filed today are summaries of data from other tables and figures in the CHEERS Technical Report. In order for the other tables and figures in the Technical Report to be consistent with the Revised Table and Figures filed today, the other tables and figures will need to be revised as well. The revisions will not be significant. The District will include all of the newly revised tables and figures, along with a short explanation of all revisions, in the CHEERS Report that the District will be filing by August 31, 2010.

Dated: June 22, 2010

**METROPOLITAN WATER RECLAMATION
DISTRICT OF GREATER CHICAGO**

By: /s/ Fredric P. Andes
One of Its Attorneys

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PROOF OF SERVICE

The undersigned, a non-attorney, certifies, under penalties of perjury pursuant to 735 ILCS 5/1-109, that I caused a copy of the forgoing, **Notice of Filing** and **Revised Table II-6, Figure II-1(a), and Figure II-1(b) to the CHEERS Research Update, An Interim Technical Report Prepared for Submission to the Illinois Pollution Control Board, and Appendices**, to be served via First Class Mail, postage prepaid, from One North Wacker Drive, Chicago, Illinois, on the 22nd day of June, 2010, upon the attorneys of record on the attached Service List.

/s/ Barbara E. Szynalik

Barbara E. Szynalik

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Table II-6, revised. Indicator organism geometric mean hourly concentrations, by time since rainfall and combined sewer overflow (CSO) in CAWS. Note that the < 48 h and <24 h categories are subsets of the < 96 h category. Asterisk indicates that mean value is statistically significantly different from the baseline conditions ($p \leq 0.05$).

Time Since Rain & CSO (h)	Indicator Bacteria				Indicator Viruses			
	<i>E. coli</i>		Enterococci		Somatic Coliphage		Male-Specific Coliphage	
	N	GM (CFU/100mL)	N	GM (CFU/100mL)	N	GM (PFU/100mL)	N	GM (PFU/100mL)
≥ 96 h (baseline)	125	170	129	87	173	120	173	3.8
< 96 h	270	730*	227	290*	343	230*	343	11*
<48 h	137	1500*	113	410*	181	270*	181	15*
<24 h	98	1900*	69	600*	118	410*	118	23*

The data differs from Tables II-6 in the technical report for the following reason: The number of *E. coli* and enterococci samples have been reduced based on further evaluation of laboratory quality assurance and quality control. Now the total number of day-location-hours with *E. coli* measurements is 395 and for enterococci, 356. In the original table, this number was 474 (for both indicators). Also note, due to adjustments in the code that sorts the data, the number of samples in the <24 hour category has been corrected and increased from 76 to 98 samples.

The mean \log_{10} microbial concentrations are compared to those in baseline conditions using Student's t-test. Mean \log_{10} microbial concentrations are defined to be statistically significantly different for $p \leq 0.05$.

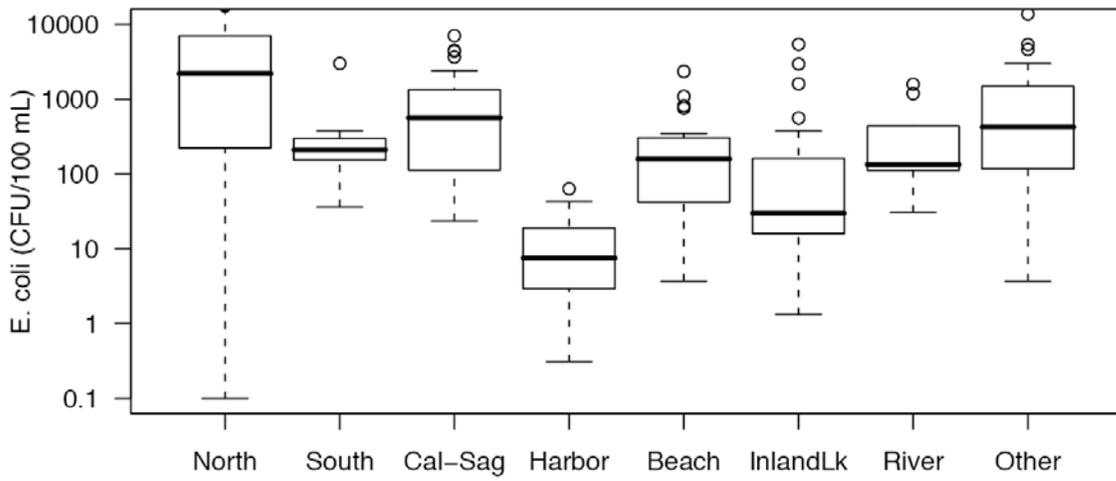


Figure II-1(a), revised

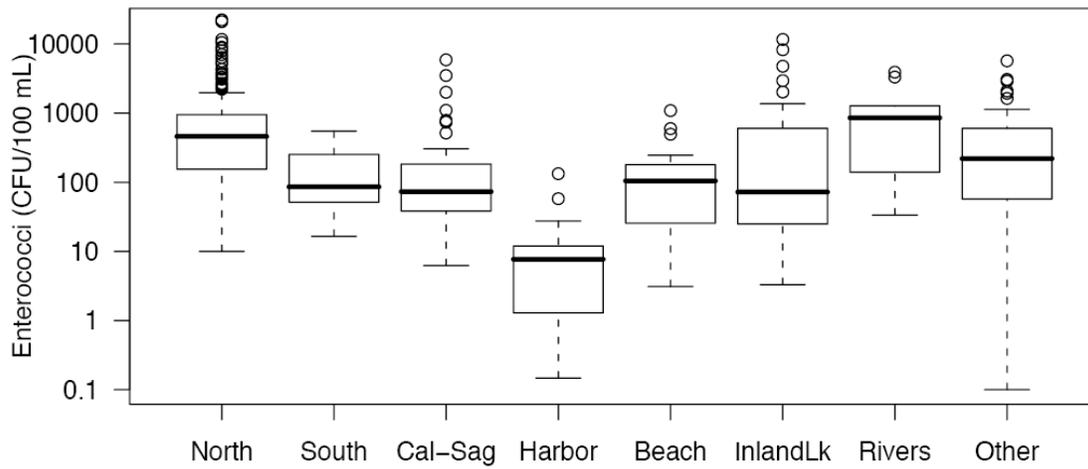


Figure II-1(b), revised