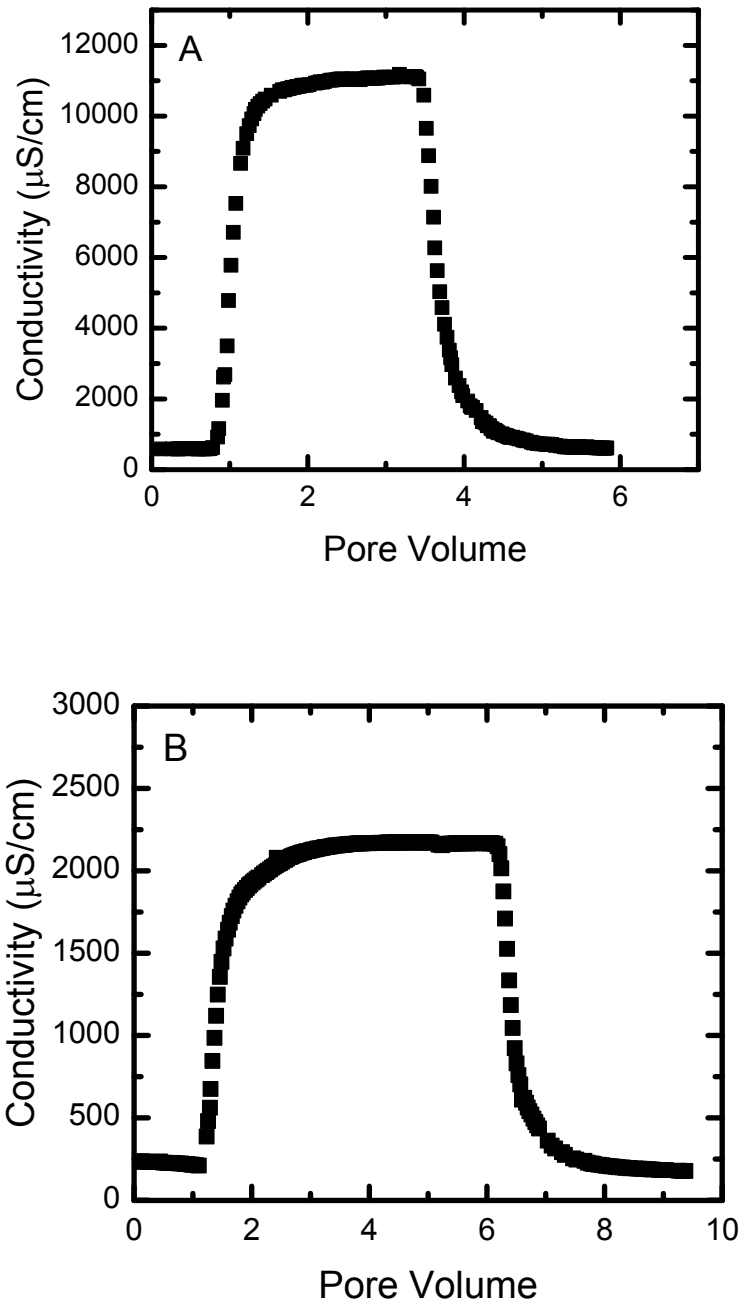


REDUCTION OF MS2 BACTERIOPHAGE AND ROTAVIRUS IN BIOSAND FILTERS

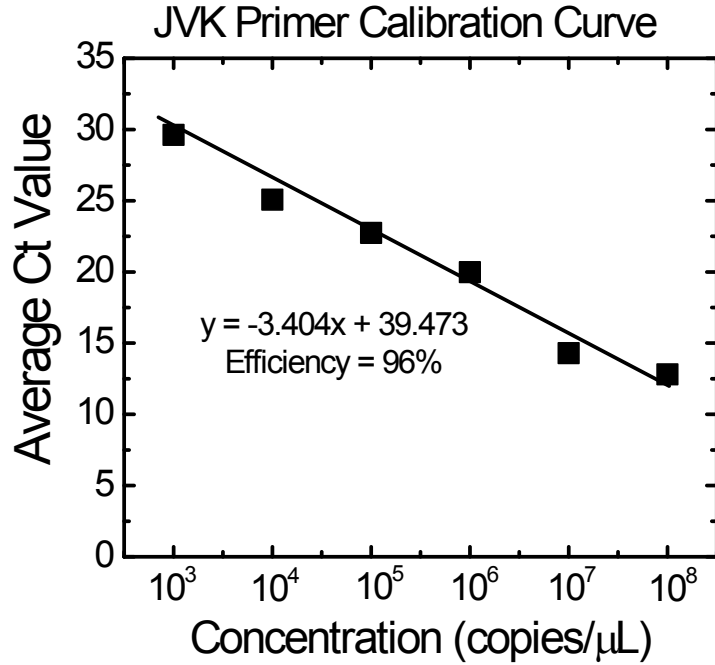
HANTING WANG, MINGMING LI, KAZAMI BROCKMAN, AND THANH H. NGUYEN

Department of Civil and Environmental Engineering, University of Illinois at Urbana-  
Champaign, Urbana, Illinois, 61801

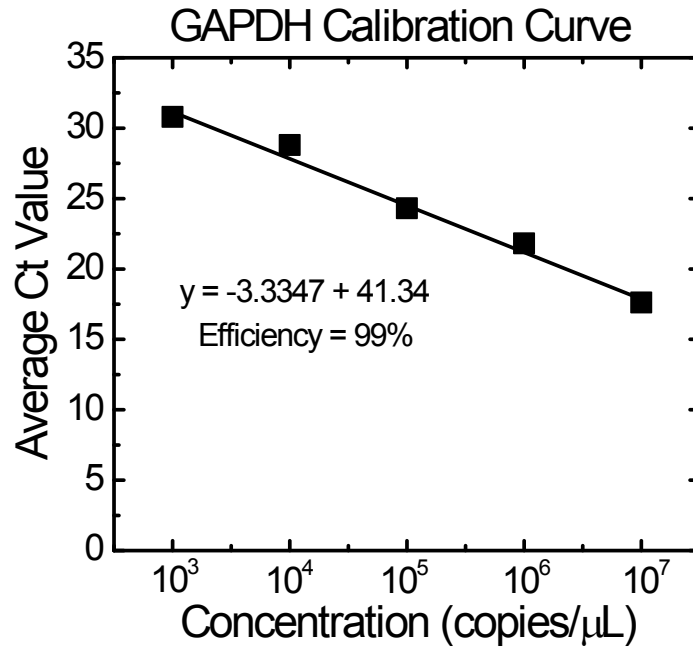
SUPPORTING INFORMATION



**Figure 1aS.** Tracer test curve for biosand filter fed with 1 mM  $\text{NaHCO}_3$ . **Figure 1bS.** Tracer test curve for biosand filter fed with Newmark groundwater.



**Figure 2S.** Calibration curve for the plasmid cDNA standard for the RV NSP3 gene at concentrations from 10<sup>3</sup>-10<sup>8</sup> copies/ $\mu$ L for one experiment.



**Figure 3S.** Calibration curve for the GAPDH housekeeping gene at concentrations from 10<sup>3</sup>-10<sup>7</sup> copies/ $\mu$ L for one experiment.

**Table 1S. Characteristics of Feed Water for Biosand Filter Experiments**

<b>Characteristic</b>	<b>Newmark Groundwater</b>	<b>1 mM NaHCO<sub>3</sub></b>
[Ca <sup>2+</sup> ]	0.6-1.5 mM	0.0 mM
[Mg <sup>2+</sup> ]	1.0-2.3 mM	0.0 mM
pH	7.2-7.8	8.1
TOC	2.35 mg/L	0.0 mg/L
Microbial Communities	Native	None