Long-term Performance of a 200-Liter Modularized Microbial Fuel Cell System Treating Municipal Wastewater: Treatment, Energy, and Cost

Zheng Ge and Zhen He *

Virginia Polytechnic Institute and State University, Blacksburg, VA 24061, USA

Department of Civil and Environmental Engineering

*Corresponding author: phone: (540)231-1346; e-mail: <u>zhenhe@vt.edu</u>

Supplementary information

Table S1. pH and conductivity of influent, anode effluent, and final effluent

	Influent	Group 1	Group 2	Group 3	Group 4	Effluent
pН	8.2	7.1	6.8	6.9	6.9	7.6
	± 0.5	± 0.5	± 0.4	± 0.4	± 0.4	± 0.4
Conductivity	1.1	1.0	0.9	1.0	1.0	1.0
(ms/cm)	± 0.2	± 0.1				

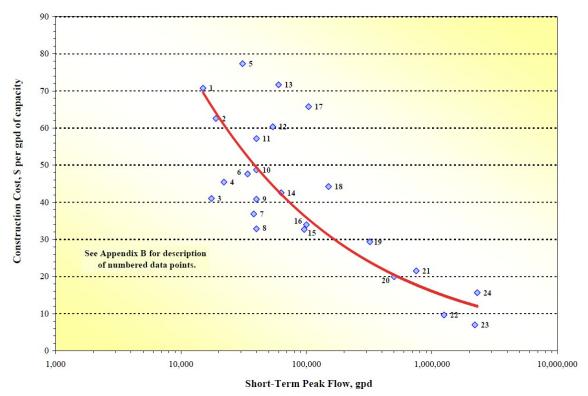


Figure S1. The total cost data from small-scale wastewater systems in southeastern Massachusetts (reproduced from a previous report ¹).

References

1. Comparison of costs for wastewater management systems, Barnstable County Wastewater Cost Task Force

(http://www.ccwpc.org/images/educ_materials/wwreports/cape_cod_ww_costs-4-10.pdf), 2010.