

1 **Supplemental Information: Persistence of Ebola Virus in Sterilized**
2 **Wastewater**

3
4 **Kyle Bibby^{1,2*}, Robert J. Fischer³, Leonard W. Casson¹, Elyse Stachler¹, Charles N. Haas⁴,**
5 **Vincent J. Munster^{3*}**

6
7 ¹Department of Civil and Environmental Engineering, and ²Department of Computational and
8 Systems Biology, University of Pittsburgh, Pittsburgh, PA 15261, USA,

9 ³Laboratory of Virology, Division of Intramural Research, National Institute of Allergy and
10 Infectious Diseases, National Institutes of Health, Hamilton, MT 59840

11 ⁴Department of Civil, Architectural & Environmental Engineering, Drexel University,
12 Philadelphia, PA 19104, USA.

13

14

15

16 *Corresponding Authors:

17 Kyle Bibby, Ph.D., BibbyKJ@Pitt.edu, 412-624-9207

18 Vincent Munster, Ph.D., munstervj@niaid.nih.gov, 406-375-7489

19

20

21 **Keywords:** Ebola virus, Ebola, *Filoviridae*, enveloped virus, water, wastewater

22

23

24
25
26

Table S1. Recorded TCID₅₀ values and standard deviations of Ebola virus spiked into sterilized domestic wastewater.

Day	TCID ₅₀	Standard Deviation
0	708000	252879
1	7120	9249
2	14920	14845
3	11140	6170
4	7080	2529
5	3980	1420
6	854	253
7	562	0
8	316	0

27