Supporting Information

Local environmental pollution strongly influences culturable bacterial aerosols at an urban aquatic Superfund site

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Supporting Information Summary: 1 page, 2 tables

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Supplemental Table 1. Mean meteorological conditions during bacterial fallout sampling at Newtown Creek (NTC, Brooklyn, NY, USA) and the comparison site, Louis Valentino Pier (LVP, Brooklyn, NY, USA).

	NTC	LVP
Exposure Days	5	5
Exposure Events	11	16
Temperature (°C)	20.7 ± 3.7	18.3 ± 1.9
Relative Humidity (%)	45.1 ± 6.8	77.1 ± 5.4
Wind Speed ($m\ s^{-1}$)	2.9 ± 0.4	1.7 ± 0.5
Coarse Aerosols (m^{-3} air)	4.1 (± 0.9) x 10^5	4.1 (± 1.1) x 10^5

Supplemental Table 2. Genera known to contain human pathogens detected in water and air at Newtown Creek (NTC, Brooklyn, NY, USA). Genera assigned using Ribosomal Database Project (RDP), 80% confidence threshold.

	Aerosols	Surface Water
Acinetobacter	x	x
Aerococcus	x	
Aeromonas		x
Bacillus	x	
Brevundimonas	x	
Citrobacter		x
Comamonas		x
Enterobacter		x
Enterococcus		x
Exiguobacterium	x	
Francisella		x
Kocuria	x	
Massilia	x	
Microbacterium	x	x
Micrococcus	x	
Nocardiopsis	x	
Paenibacillus	x	
Paracoccus	x	
Pseudomonas	x	x
Psychrobacter	x	x
Rhodococcus	x	
Roseomonas	x	
Sphingobacterium	x	
Sphingomonas	x	
Staphylococcus	x	
Streptomyces	x	
Vibrio		x