

Table S1. Nucleotide sequences of PCR assays used in this study

Assay	Primer/Probe Sequences (5'-3')	Final concentration
<i>B. anthracis</i> PCR (pX01-MGB)	F: CATTAAAGTTTTGGCCTGTATAGTCAA	900 µM
	R: GGATTTGCAGAAGGAATGGAAA	300 µM
	Pr: [FAM] CTGCCACCCTTCG [MGB] ^a	200 µM
<i>B. subtilis</i> PCR (Bsub2)	F: TCA AAG CAA AAA AAC GGA CAA	200 µM
	R: GAA TCA GTC ATT TCC CTT GAT AAG TAC	200 µM
	Pr: [TET]- CAG TAG CTT TTC CGC GTC AAA TCG CC -[BHQ2]	200 µM

^a Reporter dyes are listed in parentheses. FAM = fluorescein; MGB = minor groove binder; BHQ2 = black hole quencher 2



Figure S1. Buffer samples collected from a HWWC situated in seven different environmental scenarios. From left: Airfield; Sheep Farm; Burning Combustibles; Diesel Generator; Burning Fuel; Firing Range; Dockyard.

