

**Table S1.** PCR confirmation of unique morphologies that were identified morphologically as *Legionella*. Positives, indicated by an “+”, are colonies counted as *Legionella* and correctly identified by PCR amplification of identification gene markers. Negatives, indicated by an “0”, are plates that contained no colonies morphologically identified as *Legionella* or were not confirmed by PCR. Lspp = *Legionella spp*, LP= *Legionella pneumophila*, SG1 = *Legionella pneumophila* serogroup 1. When available, all visually unique colonies were picked for colony PCR confirmation from plates during each sampling event (n = 20-12 colonies per sampling).

Conditions	Inoculation			Day 47			Day 82			Day 175			Day 210		
	<i>L spp</i>	<i>LP</i>	<i>SG1</i>	<i>L spp</i>	<i>LP</i>	<i>SG1</i>	<i>L spp</i>	<i>LP</i>	<i>SG1</i>	<i>L spp</i>	<i>LP</i>	<i>SG1</i>	<i>L spp</i>	<i>LP</i>	<i>SG1</i>
<b>FR</b>	+	+	+	+	+	0	+	+	0	+	+	+	+	+	+
<i>FR-CC</i>	+	+	+	+	+	0	+	+	0	+	+	0	+	+	0
<i>FR-NoFe</i>	+	+	+	+	+	0	+	+	0	+	+	+	+	+	0
<i>DET</i>	+	+	+	0	0	0	+	+	0	+	+	+	+	+	0
<b>DET-Cold</b>	+	+	+	+	+	0	+	+	0	+	+	0	+	+	0
<b>DET-Enhanced</b>	+	+	+	0	0	0	+	+	0	0	0	0	0	0	0