

Table S3. Microbiological contamination of the leachetes in the tested landfill

No.	Number of microorganisms, CFU g ⁻¹								
	Psychrophilic bacteria	Mesophilic bacteria	Fungi	Actinomycetes	Haemolytic Staphylococci	<i>Enterobacteriaceae</i>	Mannitol-positive Staphylococci	<i>Pseudomonas fluorescens</i>	Sulfate reducing anaerobes
1	M:8.53x10 ⁵	M:5.49x10 ⁵	M:1.63x10 ²	M:4.67x10 ⁴	M:7.30x10 ⁵	M:1.87x10 ³	M:1.68x10 ⁶	M:2.67x10 ²	M:2.92x10 ⁵
	SD:5.51x10 ⁴	SD:1.39x10 ⁵	SD:6.11x10 ¹	SD:2.08x10 ⁴	SD:1.30x10 ⁵	SD:6.51x10 ²	SD:4.93x10 ⁴	SD:1.15x10 ²	SD:3.88x10 ⁵
2	M:1.09x10 ⁶	M:1.00x10 ⁶	M:1.67x10 ²	M:3.00x10 ⁴	M:1.83x10 ⁵	M:2.33x10 ⁴	M:4.03x10 ⁵	M:6.67x10 ¹	M:6.03x10 ⁴
	SD:5.51x10 ⁴	SD:1.40x10 ⁵	SD:4.51x10 ¹	SD:1.00x10 ⁴	SD:1.53x10 ⁴	SD:5.60x10 ³	SD:4.73x10 ⁴	SD:5.77x10 ¹	SD:1.34x10 ⁴
3	M:8.53x10 ⁵	M:8.97x10 ⁵	M:1.87x10 ²	M:5.67x10 ⁴	M:9.50x10 ⁵	M:7.32x10 ⁴	M:1.08x10 ⁶	M:3.33x10 ¹	M:2.66x10 ⁵
	SD:2.07x10 ⁵	SD:2.08x10 ⁴	SD:4.04x10 ¹	SD:1.53x10 ⁴	SD:2.01x10 ⁵	SD:2.98x10 ⁴	SD:1.21x10 ⁵	SD:5.77x10 ¹	SD:1.66x10 ⁴
4	M:1.28x10 ⁶	M:1.74x10 ⁶	M:1.83x10 ²	M:5.67x10 ⁴	M:9.70x10 ⁵	M:1.46x10 ⁴	M:9.13x10 ⁵	M:0.00x10 ⁰	M:4.59x10 ⁵
	SD:9.61x10 ⁴	SD:5.57x10 ⁴	SD:3.06x10 ¹	SD:3.06x10 ⁴	SD:3.46x10 ⁴	SD:1.34x10 ⁴	SD:1.20x10 ⁵	SD:-	SD:6.42x10 ⁴
5	M:9.33x10 ⁵	M:1.18x10 ⁶	M:1.83x10 ²	M:5.67x10 ⁴	M:5.43x10 ⁵	M:1.47x10 ³	M:3.47x10 ⁵	M:0.00x10 ⁰	M:8.90x10 ⁴
	SD:6.66x10 ⁴	SD:4.04x10 ⁴	SD:6.66x10 ¹	SD:3.06x10 ⁴	SD:5.77x10 ⁴	SD:5.03x10 ²	SD:5.69x10 ⁴	SD:-	SD:7.21x10 ³

M - mean; SD - standard deviation