

# Landfill Leachate — 2021-07-08

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## Sample Overview

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<b>Site</b>	Landfill Leachate
<b>Date sampled</b>	2021-07-08
<b>Report type</b>	Standard WW





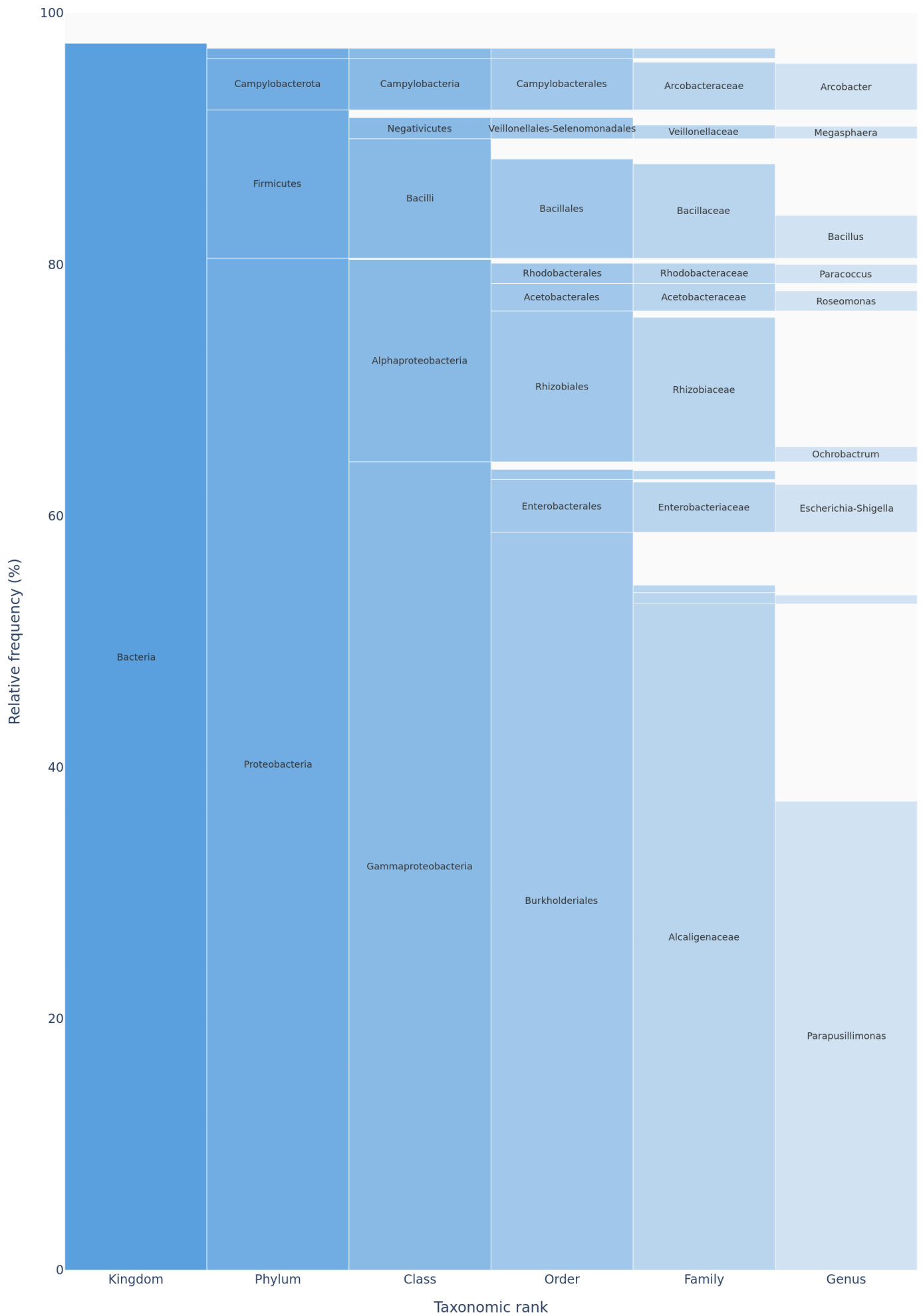
# Bacteria

Kingdom	Phylum	Class	Order	Family	Genus	Rel. freq. %
Bacteria	—	—	—	—	—	0.1%
Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	—	0.7%
Bacteria	Bacteroidota	Bacteroidia	Chitinophagales	Chitinophagaceae	Flavitalea	0.1%
Bacteria	Campylobacterota	Campylobacteria	Campylobacterales	Arcobacteraceae	—	0.1%
Bacteria	Campylobacterota	Campylobacteria	Campylobacterales	Arcobacteraceae	Arcobacter	3.7%
Bacteria	Campylobacterota	Campylobacteria	Campylobacterales	Helicobacteraceae	Wolinella	0.3%
Bacteria	Desulfobacterota	Desulfovibrionia	Desulfovibrionales	Desulfovibrionaceae	Desulfovibrio	0.1%
Bacteria	Firmicutes	—	—	—	—	0.1%
Bacteria	Firmicutes	Bacilli	—	—	—	1.2%
Bacteria	Firmicutes	Bacilli	Bacillales	—	—	0.3%
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae	—	4.0%
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae	Anoxybacillus	0.1%
Bacteria	Firmicutes	Bacilli	Bacillales	Bacillaceae	Bacillus	3.4%
Bacteria	Firmicutes	Bacilli	Bacillales	Planococcaceae	Sporosarcina	0.1%
Bacteria	Firmicutes	Bacilli	Lactobacillales	Carnobacteriaceae	Trichococcus	0.3%
Bacteria	Firmicutes	Bacilli	Paenibacillales	Paenibacillaceae	Paenibacillus	0.1%
Bacteria	Firmicutes	Clostridia	Clostridiales	Clostridiaceae	Proteiniclasticum	0.1%
Bacteria	Firmicutes	Clostridia	Eubacteriales	Eubacteriaceae	Acetobacterium	0.2%
Bacteria	Firmicutes	Clostridia	Eubacteriales	Eubacteriaceae	Eubacterium	0.1%
Bacteria	Firmicutes	Clostridia	Lachnospirales	Lachnospiraceae	—	0.1%
Bacteria	Firmicutes	Negativicutes	Veillonellales-Selenomonadales	Selenomonadaceae	—	0.3%
Bacteria	Firmicutes	Negativicutes	Veillonellales-Selenomonadales	Sporomusaceae	—	0.1%
Bacteria	Firmicutes	Negativicutes	Veillonellales-Selenomonadales	Sporomusaceae	Sporomusa	0.2%
Bacteria	Firmicutes	Negativicutes	Veillonellales-Selenomonadales	Veillonellaceae	Dialister	0.1%
Bacteria	Firmicutes	Negativicutes	Veillonellales-Selenomonadales	Veillonellaceae	Megasphaera	1.0%
Bacteria	Planctomycetota	Phycisphaerae	Phycisphaerales	Phycisphaeraceae	—	0.1%
Bacteria	Planctomycetota	Phycisphaerae	Phycisphaerales	Phycisphaeraceae	SM1A02	0.1%
Bacteria	Proteobacteria	—	—	—	—	0.1%
Bacteria	Proteobacteria	Alphaproteobacteria	—	—	—	0.2%
Bacteria	Proteobacteria	Alphaproteobacteria	Acetobacterales	Acetobacteraceae	—	0.6%
Bacteria	Proteobacteria	Alphaproteobacteria	Acetobacterales	Acetobacteraceae	Roseomonas	1.6%
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	—	—	0.3%
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Beijerinckiaceae	Pseudochelatococcus	0.2%

Kingdom	Phylum	Class	Order	Family	Genus	Rel. freq. %
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	—	9.2%
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	Allorhizobium-Neorhizobium-Pararhizobium-Rhizobium	0.2%
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	Mesorhizobium	0.4%
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	Ochrobactrum	1.2%
Bacteria	Proteobacteria	Alphaproteobacteria	Rhizobiales	Rhizobiaceae	Shinella	0.5%
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	—	0.1%
Bacteria	Proteobacteria	Alphaproteobacteria	Rhodobacterales	Rhodobacteraceae	Paracoccus	1.5%
Bacteria	Proteobacteria	Alphaproteobacteria	Sphingomonadales	Sphingomonadaceae	—	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	—	—	—	0.2%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	—	—	3.6%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Alcaligenaceae	—	14.6%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Alcaligenaceae	Achromobacter	0.2%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Alcaligenaceae	Castellaniella	0.5%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Alcaligenaceae	Paenalcaligenes	0.2%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Alcaligenaceae	Parapusillimonas	37.3%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Alcaligenaceae	Pusillimonas	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Alcaligenaceae	Verticiella	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Burkholderiaceae	Lautropia	0.2%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Burkholderiaceae	Limnobacter	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	—	0.4%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	Comamonas	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Comamonadaceae	Type_1701	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Hydrogenophilaceae	Tepidiphilus	0.2%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Oxalobacteraceae	Undibacterium	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Rhodocyclaceae	—	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Rhodocyclaceae	Dechloromonas	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Burkholderiales	Rhodocyclaceae	Thauera	0.7%
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacterales	—	—	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacterales	Enterobacteriaceae	—	0.2%
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacterales	Enterobacteriaceae	Escherichia-Shigella	3.8%
Bacteria	Proteobacteria	Gammaproteobacteria	Enterobacterales	Succinivibrionaceae	Succinivibrio	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Pseudomonadales	Pseudomonadaceae	Pseudomonas	0.4%
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	—	—	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	—	0.2%
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Lysobacter	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Pseudoxanthomonas	0.1%

Kingdom	Phylum	Class	Order	Family	Genus	Rel. freq. %
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Silanimonas	0.1%
Bacteria	Proteobacteria	Gammaproteobacteria	Xanthomonadales	Xanthomonadaceae	Thermomonas	0.2%

Relative frequencies may not sum to 100% due to rounding and low-abundance filtering (< 0.10%). Filtered cumulative relative frequency: 2.64%.



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