

OPPORTUNISTIC BACTERIAL PATHOGENS IN BIOAEROSOLS EMITTED AT MUNICIPAL WASTEWATER TREATMENT PLANTS, SOUTH AFRICA

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Supplementary Table S1: Meteorological parameters

Site	GPS coordinates	Sampling date	Temperature (°C)	Humidity (%)	Wind (km/h)
WWTP1	-25.690825, 28.364135	18 October 2022	25	53	10
		01 November 2022	21	62	16
WWTP5	-25.623211, 28.333280	09 November 2022	27	42	8
		15 November 2022	23	50	11

Supplementary Table S2: Shared or distinct genera identified between plants

Sample id	Number of shared or distinct genera	Genera list
WWTP1-BC WWTP5-BC WWTP1-MAER WWTP5-DAER	2	<i>Acinetobacter, Bacillus</i>
WWTP1-MAER WWTP5-BC WWTP5-DAER	1	<i>Pseudomonas</i>
WWTP1-BC WWTP1-MAER WWTP5-BC	2	<i>Clostridium, Enterococcus</i>
WWTP5-BC WWTP5-DAER	1	<i>Pantoea</i>
WWTP1-MAER	14	<i>Escherichia/Shigella, Bacteroides, Vagococcus, Macellibacteroides, Klebsiella, Enterobacter, Buttiauxella, Phascolarctobacterium, Dysgonomonas, Serratia, Raoultella, Lactobacillus, Aeromonas Lactococcus</i>
WWTP1-BC	2	<i>Arthrobacter, Enhydrobacter</i>
WWTP5-DAER	2	<i>Aneurinibacillus, Propionibacterium</i>
WWTP5-BC	2	<i>Arcobacter, Arthrobacter</i>