

SUPPLEMENTARY DATA

Table S1: Sampling procedure of the influent, effluent, lake water and tap water from areas in Daspoort wastewater treatment plant, Sterkfontein lake and tap water in Doornfontein, South Africa.

	Influent	Effluent	Lake water	Tap water
Volume (L)	5	5	5	3
Location	Daspoort wastewater treatment plant, Pretoria	Daspoort wastewater treatment plant	Sterkfontein Lake, Johannesburg	Doornfontein, Johannesburg
Sampling point	primary influent	effluent point after treatment	stream leading out of the lake	from the tap after the water flows for 1 min
Sampling dates	March 2021 (summer), June 2021 (winter) and October 2021 (spring)	March 2021 (summer), June 2021 (winter) and October 2021 (spring)	March 2021 (summer), June 2021 (winter) and October 2021 (spring)	March 2021 (summer), June 2021 (winter) and October 2021 (spring) April 2022