

Supplementary Material 1. Water sample analysis and method

Parameter	Unit	Measurement points	Method
Temperature	°C	Influent, Effluent	Thermometer
Dissolved oxygen (DO)	mg/L	Influent, Effluent	DO electrode (HQD 40 Hach)
Turbidity	FAU, (Formazin Attenuation Units)	S1, S2, Influent, Effluent	DR 3900 (Hach), Range 40– 400 FAU, Wavelength 860 nm, EN ISO 7027
Chemical oxygen demand (COD)	mg/L	Influent, Effluent	LCK 314, Range 15–150 mg/L Spectrophotometer DR 3900 (Hach), ISO 6060-1989
Total suspended solids (TSS)	mg/L	Influent, Effluent	Filtration through Whatman filter-paper , GF/F, pore size 0.7µm, EN 872