Supplementary Information (SI) for Environmental Science: Water Research & Technology. This journal is © The Royal Society of Chemistry 2025

Supplementary Table S1: The chemical properties of collected wastewater

Properties	pН	BOD	TDS
Alampur	6.47 ± 0.21	125.46 ± 2.6	277.5 ± 7.8
Khadimnagar	6.16 ± 0.56	120.42 ± 3.1	286.7 ± 5.7
Majortilla	6.36 ± 0.32	127.36 ± 2.9	273.9 ± 4.9