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May 1, 2024

Shapoorji Pallonji and Company Pvt Ltd
Nagindas Master Road, Fort Mumbai
400001 Maharashtra India

Subject: Performance Assessment of 30 MLD STP at Pankha, Kanpur

Ref: Email dated November 21, 2023

Shapoorji Pallonji and Company Pvt Ltd via Email dated November 21, 2023 requested to carryout 24 h composite sampling through collection of grab samples at 2 h interval and analysis of various composite samples prepared by mixing grab samples in proportion to the measured flows at the inlet and outlet of 30 MLD STP (Pankha, Kanpur) for certain parameters.

The samples were collected by sampling team of cGanga, IIT Kanpur in presence of representatives from Shapoorji Pallonji and Co. Pvt Ltd and GPCU, UPJN during April 22-23, 2024.

The preservation and analysis of the samples were done as per the Standard Methods (Standard Methods for the Examination of Water and Wastewater, APHA). The analysis of the sample for the requested parameters started immediately after bringing it to laboratory. The results of the analysis are reported in following table.

Estimated Parameter Values of 30 MLD STP at Pankha, Kanpur

Location	Date of Sampling	TSS (mg/l)	BOD (mg/l)	COD (mg/l)	Fecal Coliform	Total Coliform
30 MLD, Pankha (Inlet)	April 22-23, 2024	228	108	352	1.70E+06	3.30E+06
30 MLD, Pankha (Outlet)	April 22-23, 2024	48	24	64	1.01E+02	2.60E+03

NOTE: The results presented are on basis of one-time analysis of the samples collected by cGanga, IIT Kanpur.


(Vinod Tare)