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June 10, 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 April 23, 2024

Shapoorji Pallonji and Company Pvt Ltd via Email dated April 23, 2024 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 May 30-31, 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)	May 30-31, 2024	194	102	256	2.10E+05	3.00E+05
30 MLD, Pankha (Outlet)	May 30-31, 2024	40	24	80	1.70E+02	2.70E+03

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

Important Observations: There is no flow in inlet and outlet observed after 10:00 PM and before 02:00 AM at 30 MLD STP in Pankha, Kanpur


(Vinod Tare)