



CENTRAL POLLUTION CONTROL BOARD
REGIONAL DIRECTORATE KOLKATA
Regional Directorate, 502 Southend Conclave, 6th Floor, 1582 Rajdanga Main Road, Kolkata- 700107

Water Laboratory (ANALYSIS REPORT)
Waste Water Samples for Physico-Chemical Analysis Report

Samples Registration No. & Date : RDKL/WW/2324/SR00033, 31/10/2023 Report No. & Date of Issue : RDKL/2324/WW/00052,21/12/2023
Analysis Request Division/Organization : RD Kolkata Report sent to (Name,Mobile no. & Address of Indentor) : DH of RD Kolkata
Sample Details : Inlet and Outlet of Haridevpur & Baghajatin STP Sample Matrix : Waste Water
Sample Collected by : Girija Shankar Mishra,Saurabh Garg Date & Time of Sample Receipt : 01/11/2023 14:15 PM
Sampling Plan Preference : RDKL/WW/2324/SP00037 Sample Analysis Period : 31/10/2023 to 16/11/2023
Report Status : Final

Sr.No	Date of Sample Collection	Field Code	Colour	Total Nitrogen	Total Phosphorus
1	31/10/2023	B1	30	13	2.9
2	31/10/2023	B2	20	17	1.6
3	31/10/2023	H1	25	20	1.7
4	31/10/2023	H2	25	6	0.7

BDL : Below Deduction Limit

Remarks (if any) :

Analyst

Supervisor & Reviewer

Issued By (DH Water-Lab)

Md Abdur Rafique

Abhijit Pathak

Doc: CB/RDK/TR/QR/7.8/2

Issue No.:01

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Issue Date:20/01/2020

Revision Date: 08/12/2022

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Statement :

1. The results relate only to the samples tested.
2. The report shall not be reproduced except in full without written approval of the laboratory
3. BDL & Test methods are mentioned on back side of this report.
4. Samples will be retained only for one week after receipt of Report.

Parameter Name	Test Method	Unit	Limit of Detection	Uncertainty of Measurement
Ammonical Nitrogen	APHA 24th Ed. 4500-NH3 B Part4000.424 to 425 and 4500-NH3 C Part4000.425 to 426	mg/l	1mg/l	
Biochemical Oxygen Demand (20 deg. C for 5 days & 27 deg.C for 3 days)	APHA 24th Ed., 5210 B Part5000.533 to 537	mg/l	1 mg/l	
Chemical Oxygen Demand	APHA 23th Ed. 5220 B. Part5000.544 to 545	mg/l	2 mg/l	
Colour	APHA 24th Ed. 2120 B Part 2000.82 to 83	CU		
NO3- N	APHA 24th Ed. 4500-NO3 E, Part4000.438-440	mg/l	0.01 mg/l	
Oil & Grease	APHA 24th Ed. 5520-B Part5000.572-574	mg/l	5 mg/l	
pH	APHA 24th Ed. 4500-H+B Part 4000.473-478		2	
Phosphate - P	APHA 24th Ed. 4500-P D Part 4000.485-486	mg/l	0.01 mg/l	
Sulphate	APHA 24th Ed. 4500-SO4 E Part 4000.505-506	mg/l	4 mg/l	
Total Dissolve Solids	APHA 24th Ed. 2540 C Part 2000.145	mg/l	5 mg/l	
Total Nitrogen				
Total Phosphorus	APHA 24th Edition 4500-P J	mg/l	0.1	
Total Suspended Solids	APHA 24th Ed. 2540-D Part 2000.146 to 147	mg/l	5 mg/l	

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