



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/SR00027, 17/10/2023 Report No. & Date of Issue : RDKL/2324/WW/00033,10/12/2023  
Analysis Request Division/Organization : RD Kolkata Report sent to (Name,Mobile no. & Address of Indentor) : DH of RD Kolkata  
Sample Details : Naihati STP samples Sample Matrix : Waste Water  
Sample Collected by : Suvanka Dutta,Supriyo Goswami Date & Time of Sample Receipt : 17/10/2023 12:01 PM  
Sampling Plan Preference : RDKL/WW/2324/SP00021 Sample Analysis Period : 17/10/2023 to 30/10/2023  
Report Status : Final

Sr.No	Date of Sample Collection	Field Code	Colour	MLSS	MLVSS	Total Nitrogen	Total Phosphorus
1	16/10/2023	Na1 (I)	25			19	3.4
2	16/10/2023	Na1 (O)	20			19	3.9
3	16/10/2023	Na1 aeration		2048	922		

BDL : Below Deduction Limit

Remarks (if any) :

BchY. .... 5`hY VcbWbfUjcbg UFY`YI dfYggYX`]b`a [ #`YI Wdhid<`UbX`7cbXi Vdij]mfleA`c#VdL. — fteA`c#VdL

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.

Analyst

Supervisor & Reviewer

Issued By (DH Water-Lab)

Md Abdur Rafique

Abhijit Pathak

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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		
MLSS	APHA 24th Ed. 2540- D Part 2000.146 to 147	mg/l	5 mg/l	
MLVSS	APHA 24th Ed, 2540 E. Part2000. 147-148	mg/l	5 mg/l	
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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