



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



Water Laboratory (ANALYSIS REPORT)

Waste Water Samples for Physico-Chemical Analysis Report A

TC-7001

ULR No: TC700123000000054F

Samples Registration No. & Date : RDKL/WW/2324/SR00014, 04/10/2023 Report No. & Date of Issue : RDKL/2324/WW/00042,26/10/2023

Analysis Request Division/Organization : RD Kolkata Report sent to (Name,Mobile no. & Address of Indentor) : DH of RD Kolkata

Sample Details : Chandannagar STP Sample Matrix : Waste Water

Sample Collected by : Syed Yakub Ali,Ajeet Verma Date & Time of Sample Receipt : 05/10/2023 11:16 AM

Sampling Plan Preference : Sample Analysis Period : 05/10/2023 to 03/11/2023

Report Status : Final

Sr.No	Date of Sample Collection	Field Code	Ammonical Nitrogen	Biochemical Oxygen Demand (20 deg. C for 5 days & 27 deg.C for 3 days)	Chemical Oxygen Demand	NO3- N	Oil & Grease	pH	Phosphate - P	Sulphate	Total Dissolve Solids	Total Suspended Solids
1	03/10/2023	C - I	5	8	90	1.6	-	6.8	0.54	16	321	18
2	03/10/2023	C - O	2	6	51	2.91	BLQ	7.6	0.39	15	308	108
3	03/10/2023	C - TF	-	7	55	-	-	-	-	-	-	7

BDL : Below Deduction Limit

Remarks (if any) :

Analyst

Supervisor & Reviewer

Issued By (DH Water-Lab)

Md Abdur Rafique

Abhijit Pathak

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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	
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 Suspended Solids	APHA 24th Ed. 2540-D Part 2000.146 to 147	mg/l	5 mg/l	

Analyst

Supervisor & Reviewer

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Md Abdur Rafique

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