



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 A

ULR No: TC700123000000202F

TC-7001

Samples Registration No. & Date : RDKL/WW/2324/SR00045, 22/11/2023 Report No. & Date of Issue : RDKL/2324/WW/00190,26/12/2023
Analysis Request Division/Organization : RD Kolkata Report sent to (Name,Mobile no. & Address of Indentor) : DH of RD Kolkata
Sample Details : Sample Matrix : Waste Water
Sample Collected by : Supriyo Goswami,Anirban Kundu Date & Time of Sample Receipt : 23/11/2023 15:24 PM
Sampling Plan Preference : RDKL/WW/2324/SP00059 Sample Analysis Period : 23/11/2023 to 15/12/2023
Report Status : Final

Sr.No	Date of Sample Collection	Field Code	Ammonical Nitrogen	Arsenic	Biochemical Oxygen Demand (20 deg. C for 5 days & 27 deg.C for 3 days)	Cadmium	Chemical Oxygen Demand	Chloride	Chromium	Copper	Iron	Lead	Manganese	Nickel	NO3- N	pH	Phosphate - P
1	22/11/2023	D1	27 mg/l	BDL	33	BDL	94	1030	20	BDL	143610	BDL	999	23	0.01	6.1	0.01
2	22/11/2023	D2	12 mg/l	59	26	18603	150	228	35	4130	42999	154	820	533	15.08	6.5	BLQ

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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Sulphate	Total Dissolved Solids	Total Suspended Solids	Zinc
42	2056	164	705
20	919	263	9496

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BchY.5...hY'WcbWbhfUhcjbgUfY'YI dfYggYX'Jb'a [#'YI Wdhid<'UbX'7cbXi Wdhj]mflea \c#A#E. ... fleA \c#A#E
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	
Arsenic	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
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	
Cadmium	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Chemical Oxygen Demand	APHA 23th Ed. 5220 B. Part5000.544 to 545	mg/l	2 mg/l	
Chloride	APHA 24th ed. 4500-Cl B Part4000.340 to 341	mg/l	5 mg/l	
Chromium	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Cobalt	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Colour	APHA 24th Ed. 2120 B Part 2000.82 to 83	CU		
Copper	APHA 24th Ed. 3125 B Part 3000.233 to 242	ug/l	10 ppb	
Iron	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Lead	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Manganese	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	

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Nickel	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
NO3- N	APHA 24th Ed. 4500-NO3 E, Part4000.438-440	mg/l	0.01 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	
Selenium	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
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	
Vanadium	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Zinc	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	

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