



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
ULR No:

TC-7001

Samples Registration No. & Date : BWTL/ABH/WW/2324/SR00002, 01/09/2023	Report No. & Date of Issue : ,01/01/0001
Analysis Request Division/Organization : RD Kolkata	Report sent to (Name, Mobile no. & Address of Indentor) : DH of RD Kolkata
Sample Details : s-01	Sample Matrix : Waste Water
Sample Collected by : Awanindra Kumar, Amondal	Date & Time of Sample Receipt : 01/09/2023 16:10 PM
Sampling Plan Preference :	Sample Analysis Period : 01/09/2023 to 01/09/2023
Report Status : Partial	

Sr.No	Date of Sample Collection	Field Code	Ammonia	BOD	Boron	Calcium	Chloride	COD	Color	Conductivity	Cyanide	FDS	Fluoride	K+	Magnesium	NO2-N	NO3-N
1	31/08/2023	s-01	1.1	6			25	22							5	0.52	

BDL : Below Deduction Limit

Remarks (if any) :

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
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Analyst

Supervisor & Reviewer

Issued By (DH Water-Lab)

Awanindra Kumar

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pH	Phosphate	Phosphate - P	SAR	Sulphate	TKN	Total Alkalinity	Total Dissolved Solids	Total Solids	Total Suspended Solids
	.2	2.5							

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Boron			10 ppb	
CO2			1%	
Conductivity	APHA 2510 - B, 23rd Ed.: 2017	uS/cm	3 uS/cm	
Cyanide	4500 - CN D Titrimetric Method 4500 - CN F cyanide on selective method, 23rd Ed.: 2017	mg/l	0.01 mg/l	
Diversity Score of Benthic Organisms testing	34500 - BC Carmine Methdo. 23rd Ed.: 2017	mg/l	0.2	
Faecal Streptococci (Multiple Tube Fermentation Technique)	APHA 4500 NH3-N- B & C, 23rd Ed.: 2017	mg/l	1.8 MPN/100ml	
Fluoride	APHA 4500 - F D, 23rd Ed.: 2017	mg/l	0.04 mg/l	
K+	APHA 3500 K - B, 23rd Ed.: 2017	mg/l	0.1 mg/l	
Magnesium	2340 EDTA Titrimetric method, 23rd Ed.: 2017	mg/l	2 mg/l	
MLSS			5 mg/l	
MLVSS			5 mg/l	
NO2-N			0.005 mg/l	
NO3- N	APHA 4500 - NO3 D 23rd Ed.: 2017	mg/l	0.01 mg/l	
Oxides of Nitrogen (NO2)	2340 EDTA Titrimetric method, 23rd Ed.: 2017	mg/l	8 ug/m3	
pH	APHA 4500 H+ - B, 23rd Ed.: 2017	mg/l	2	
Phenolic compounds	5530 D Direct Photometric Method, 23d Ed.: 2017	mg/l	0.1 mg/l	
Phosphate		mg/l	0.05	
Phosphate - P	APHA 4500 - PD, 23rd Ed.: 2017	mg/l	0.01 mg/l	
PM	APHA 2120 C Spectrophotometric Method, 23rd Ed.: 2017	mg/L	10 mg/Nm3	V

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SAR			1	
Sulphate			4 mg/l	
Sulphur Dioxide(SO ₂)	APHA 4500 - Cl B, 23rd Ed.: 2017	mg/l	3 ug/m ³	
Surfactants	5540 C Anionic surfactants as MBAS, 23rd Ed.: 2017	mg/l		
TKN	4500 Inorganic B Macro kjeldahl method, 23rd Ed.: 2017	mg/l	2 mg/l	
Total Alkalinity	2320 B Titration Method, 23rd Ed.: 2017	mg/l	8 mg/l	# #\
Total Coliform (Multiple Tube Fermentation Technique)	APHA 5210 B, 23rd Ed. 2017, 4500 OC (5 days at 20C). IA - 3025 part 44: 1993 BOD (3 days at 27 C): 2017	mg/l	1.8 MPN/100ml	
Total Dissolved Solids	APHA 2540 C, 23rd Ed.: 2017	mg/l	10	
Total Phosphorus	4500 P D Stannous Chloride method as P, 23rd Ed.: 2017	mg/l	0.1	
Total Solids	APHA 2540 B, 23rd Ed.: 2017	mg/l	5 mg/l	
Total Suspended Solids	APHA 2540 D, 23rd Ed.: 2017	mg/l	5 mg/l	
Turbidity	2130 B Nephelometric Method, 23rd Ed.: 2017	NTU	1	

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