



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



Water Laboratory (ANALYSIS REPORT)
Fresh Water Samples for Physico-Chemical Analysis Report
ULR No:

TC-7001

Samples Registration No. & Date : BWTL/ABH/FW/2324/SR00003, 05/09/2023 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-2 Sample Matrix : Fresh Water
Sample Collected by : Awanindra Kumar, A Mondal, B Mondal Date & Time of Sample Receipt : 05/09/2023 13:31 PM
Sampling Plan Preference : Sample Analysis Period : 05/09/2023 to 05/09/2023
Report Status : Partial

Sr.No	Date of Sample Collection	Field Code	Ammonia	BOD	Boron	Chloride	COD	Color	Conductivity	Fluoride	K+	Magnesium	Na+	NO2-N	NO3-N	pH	Phosphate - P
1	05/09/2023	S-1	15	50	2	27	30	50	234	0.59	4	20	20	0.25	BDL	7.8	0.24
2	05/09/2023	S-2	0.52	5	9	32	12	5	555	0.59	BDL	52	25	32	BDL	7.0	BDL

BDL : Below Deduction Limit

Remarks (if any) :

BchY. 5... hY VcbWbfUjcbgUFY YI dfYggYX']b'a [# YI Wdhid< 'UbX' 7cbXi Wj]]mflea \c#A#L. — flea \c#A#L

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)

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Sulphate	TDS	TKN	Total Alkalinity	Total Hardness	Total Suspended Solids
6	8	5	20	50	250
20	12		52	30	

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Parameter Name	Test Method	Unit	Limit of Detection	Uncertainty of Measurement
Conductivity	APHA 2510 - B, 23rd Ed.: 2017		3 uS/cm	
Faecal Coliform (Multiple Tube Fermentation Technique)	APHA 5210 B, 23rd Ed. 2017, 4500 OC, (5 days at # @ " \) # @ 3025 (Part - 34): 1988	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., 2018	mg/l	0.1 mg/l	
Magnesium	APHA 3500 - Mg B, 23rd Ed.: 2017	mg/l	2 mg/l	
Na+	APHA 3500 Na - B, 23rd Ed., 2017	mg/l	0.1 mg/l	
Nitrogen Oxides (NOx)	APHA 5220 B, 23rd Ed.: 2017	mg/l	6 mg/Nm ³	V
NO ₂ -N			0.005 mg/l	
NO ₃ - N	APHA 4500 - NO ₃ B, 23rd Ed.: 2017	mg/l	0.01 mg/l	
O ₂	APHA 2120 C Spectrophotometric Method, 23rd Ed.: 2017	mg/l	1%	
pH	APHA 4500 H+ - B, 23rd Ed.: 2017		2	
Phenolic compounds	5530 D Direct Photometric Method, 23d Ed.: 2017	mg/l	0.1 mg/l	
Phosphate - P	APHA 4500 - PD, 23rd Ed.: 2017	mg/l	0.01 mg/l	
Respirable Suspended Particulate Matter (PM ₁₀)	APHA 4500 - CI B, 23rd Ed.: 2017	mg/l	10 ug/m ³	
Sulphate			4 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	# #\

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Total Coliform (Multiple Tube Fermentation Technique)	34500 - BC Carmine Methdo. 23rd Ed.: 2017	mg/l	1.8MPN/100ml	
Total Dissolved Solids	APHA 2540 C, 23rd Ed.: 2017	mg/l	5 mg/l	
Total Hardness as CaCO ₃	APHA 2340 C, 23rd Ed.: 2017	mg/L	10 mg/l	# #\
Total Phosphorus	4500 P D Stannous Chloride method as P, 23rd Ed.: 2017	mg/l	0.1	
Total Suspended Solids			5 mg/l	

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