



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: TC70012300000006F

TC-7001

Samples Registration No. & Date : BWTL/ABH/FW/2324/SR00002, 31/08/2023 Report No. & Date of Issue : BWTL/ABH/2324/FW/00006,31/08/2023
Analysis Request Division/Organization : RD Kolkata Report sent to (Name,Mobile no. & Address of Indentor) : DH of RD Kolkata
Sample Details : S-1 Sample Matrix : Fresh Water
Sample Collected by : Awanindra Kumar,A Mondal Date & Time of Sample Receipt : 31/08/2023 15:48 PM
Sampling Plan Preference : Sample Analysis Period : 30/08/2023 to 31/08/2023
Report Status : Final

Sr.No	Date of Sample Collection	Field Code	BOD	Chloride	COD	Color	Conductivity	Fluoride	K+	Magnesium	Na+	NO2-N	NO3-N	pH	Phosphate - P	Sulphate	TDS
1	30/08/2023	S-1	5	4	8	BDL	5	0.6	6	12	9	0.39	0.59	7.2	0.32	8	12

BDL : Below Deduction Limit

Remarks (if any) :

BCH. 5 H Y W b W b H j c b g U F Y Y I d f Y g g X '] b ' a [# Y I W d h d < ' U b X ' 7 c b X i W j] m f l e a \ c # A d L . f l e a \ c # A d 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)

Awanindra Kumar

Abhijit Pathak

Doc: CB/RDK/TR/QR/7.8/1

Issue No.:01

Revision No :01

Issue Date:20/01/2020

Revision Date: 08/12/2022

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Total Alkalinity	Total Hardness	Total Suspended Solids
6	BLQ	40

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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 # @ " \) #	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/Nm3	V
NO2-N			0.005 mg/l	
NO3- N	APHA 4500 - NO3 B, 23rd Ed.: 2017	mg/l	0.01 mg/l	
O2	APHA 2120 C Spectrophotometric Method, 23rd Ed.: 2017	mg/l	1%	
pH	APHA 4500 H+ - B, 23rd Ed.: 2017		2	
Phosphate - P	APHA 4500 - PD, 23rd Ed.: 2017	mg/l	0.01 mg/l	
Respirable Suspended Particulate Matter (PM10)	APHA 4500 - CI B, 23rd Ed.: 2017	mg/l	10 ug/m3	
Sulphate			4 mg/l	
Total Alkalinity	2320 B Titration Method, 23rd Ed.: 2017	mg/l	8 mg/l	# #\
Total Dissolved Solids	APHA 2540 C, 23rd Ed.: 2017	mg/l	5 mg/l	
Total Hardness as CaCO3	APHA 2340 C, 23rd Ed.: 2017	mg/L	10 mg/l	# #\
Total Suspended Solids			5 mg/l	

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