



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

Samples Registration No. & Date : RDKL/FW/2324/SR00023, 02/11/2023 Report No. & Date of Issue : RDKL/2324/FW/00062,10/12/2023
Analysis Request Division/Organization : RD Kolkata Report sent to (Name, Mobile no. & Address of Indentor) : DH of RD Kolkata
Sample Details : Panihati STP Sample Matrix : Fresh Water
Sample Collected by : Amrita Talapatra, Preeti Saha Date & Time of Sample Receipt : 03/11/2023 12:18 PM
Sampling Plan Preference : RDKL/FW/2324/SP00026 Sample Analysis Period : 03/11/2023 to 14/11/2023
Report Status : Final

Sr.No	Date of Sample Collection	Field Code	Cobalt	Colour
1	02/11/2023	G1	BDL	5

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
Arsenic	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	

Analyst

Supervisor & Reviewer

Issued By (DH Water-Lab)

Md Abdur Rafique

Abhijit Pathak

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Calcium	APHA 23Ed. 3500-Ca B Part 3000.254 to 255	mg/l	4 mg/l	
Chemical Oxygen Demand	APHA 24th 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		
Conductivity	APHA 24th Ed. 2510- B Part 2000.134 to 135		3 uS/cm	
Copper	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Fluoride	APHA 24th. Ed. 4500-F D, Part 4000.400 to 401	mg/l	0.04 mg/l	
Iron	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
K+	APHA 24th Ed. 3500 K-B, Part 3000.279-281	mg/l	0.1 mg/l	
Magnesium	APHA 24th Ed. 3500-Mg B, Part 3000.274	mg/l	2 mg/l	
Manganese	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	
Na+	APHA 24th Ed. 3500 Na-B, Part 3000.290-292	mg/l	0.1 mg/l	
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	
Sulphate	APHA 24th Ed. 4500-SO4 E Part 4000.505-506	mg/l	4 mg/l	
Total Alkalinity	APHA 24th Ed. 2320-B Part 2000.112 to 114	mg/l as CaCO3	8 mg/l	# #\
Total Dissolved Solids	APHA 24th Ed. 2540 C Part 2000.145	mg/l	5 mg/l	

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Total Hardness as CaCO ₃	APHA 24th Ed. 2340-C Part 2000.124 to 126	mg/l as CaCO ₃	10 mg/l	# #\
Total Suspended Solids	APHA 24th Ed. 2540-D Part 2000.146 to 147	mg/l	5 mg/l	
Zinc	APHA 24th Ed. 3125 B Part 3000.233 to 242		10 ppb	

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