



CENTRAL POLLUTION CONTROL BOARD
 REGIONAL DIRECTORATE BHOPAL
 Parivesh Bhawan, Paryavaran Parisar E-5, Arera Colony, Bhopal-462016



TC-7723

Water Laboratory (ANALYSIS REPORT)

Fresh Water Samples for Physico-Chemical Analysis Report

ULR No: TC772324000000001F

Samples Registration No. & Date : RD-BH/FW/2324/SR00007, 09/01/2024 Report No. & Date of Issue : RD-BH/2324/FW/00004,09/01/2024

Analysis Request Division/Organization : RD Bhopal Report sent to (Name,Mobile no. & Address of Indentor) : DH of RD Bhopal

Sample Details : FW/2023-24/Test Sample Matrix : Fresh Water

Sample Collected by : Sonal Wankhade,X,Y, Z Date & Time of Sample Receipt : 09/01/2024 16:53 PM

Sampling Plan Preference : Sample Analysis Period : 09/01/2024 to 09/01/2024

Report Status : Final

Sr.No	Date of Sample Collection	Field Code	BOD	Chloride	COD	Conductivity	Magnesium	NO2-N	pH	Phosphate - P	Sulphate	TDS	Total Hardness	Total Suspended Solids
1	09/01/2024	FW/2023-24/Test-1, FW/2023-24/Test-2	2	25	7	250	15	0.03	7.3	23	25	150	70	30

BDL : Below Deduction Limit

Remarks (if any) :

BchY. 5`h Y VcbWbfUhcgbg UfY YI dfYggYX`]b`a [# YI Wdhid< UbX`7cbXi Vd]]mfEa \c#Vd k. — filea \c#Vd k

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)

Dr. Ranu Chouksey Verma

Milind Kumar B. Nimje

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Parameter Name	Test Method	Unit	Limit of Detection	Uncertainty of Measurement
BOD	APHA 5210 B, 23rd Ed. 2017, 4500 OC, (5 days at # @ " \) #	mg/l	01	
Chloride	APHA 4500 - Cl B, 23rd Ed.: 2017	mg/l	2	
COD	APHA 5220 B, 23rd Ed.: 2017	mg/l	2	
Color	APHA 2120 C Spectrophotometric Method, 23rd Ed.: 2017	mg/l	5	
Conductivity	APHA 2510 - B, 23rd Ed.: 2017		1	
Fluoride	APHA 4500 - F D, 23rd Ed.: 2017	mg/l	0.2	
K+	APHA 3500 K - B, 23rd Ed., 2018	mg/l	1	
Magnesium	APHA 3500 - Mg B, 23rd Ed.: 2017	mg/l	1	
Na+	APHA 3500 Na - B, 23rd Ed., 2017	mg/l	1	
NO2-N			0.03	
NO3- N	APHA 4500 - NO3 B, 23rd Ed.: 2017	mg/l	0.5	
pH	APHA 4500 H+ - B, 23rd Ed.: 2017		2	
Phosphate - P	APHA 4500 - PD, 23rd Ed.: 2017	mg/l	0.05	
SAR			1	
Sulphate			5	
Surfactants	5540 C Anionic surfactants as MBAS, 23rd Ed.: 2017	mg/l		
TDS	APHA 2540 C, 23rd Ed.: 2017	mg/l	5	
Total Alkalinity	2320 B Titration Method, 23rd Ed.: 2017	mg/l	5	

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Total Hardness	APHA 2340 C, 23rd Ed.: 2017	mg/L	5	
Total Hardness as CaCO ₃	2340 EDTA Titrimetric method, 23rd Ed.: 2017	mg/l	5	
Total Phosphorus	4500 P D Stannous Chloride method as P, 23rd Ed.: 2017	mg/l	0.1	
Total Suspended Solids			10	
Turbidity	2130 B Nephelometric Method, 23rd Ed.: 2017	NTU	1	

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