



District Level Water Testing Laboratory, Hazaribagh

Test Report

Report No: 12	Group :- Water	Report Issue Date : 10.01.2025
Discipline:- Chemical & Biological		Sub -Group: Ground Water
Issued To:	DR. RADHAKRISHNAN SCHOOL OF LEARNING SENIOR SECONDARY SCHOOL(10+2), OPP.H.P. PETROL PUMP, VILL-BONGA, PO – BARIYATH, HAZARIBAGH, JHARKHAND	SAMPLE CODE:- 06
Sample Description / Type	G.W	
Sample Location	FINAL OUTLET	Sample Collected by LAB REP Mahesh Kumar
Date of Sampling	08.01.2025	Sample Quantity / Packing 2 L PVC Bottle
Date of start of Analysis	08.01.2025	Temperature 25±2°C
Date of Completion Analysis :	10.01.2025	Humidity 50±15 % RH
ULR No-	N/A	Sampling Procedure N/A

Test Result

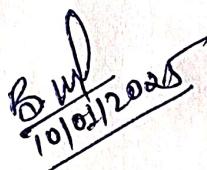

Sl. No.	Parameter	Unit	Result	Method Reference	Specification as per BIS – 10500:2012 (Second Revision) Amendment – June 2015	
					Acceptable Limit (Max)	Permissible Limit (In Absence of Alternate source) (Max)
(A)	CHEMICAL PARAMETERS					
1	pH	-	7.18	APHA 23 rd Edition 2017-4500-II* B, (Electrometric Method)	6.5 – 8.5	No relaxation
2	Turbidity	NTU	1.2	APHA-23 rd Edition 2017-2130-A, (Nephelometric method)	1	5
3	Chloride (as Cl)	mg/L, Max	30	APHA-23 rd Edition 2017-4500- B, (Argentometric method)	250	1000
4	Total Hardness as CaCO ₃	mg/L, Max	140	APHA-23 rd Edition 2017-2340-C (EDTA Titrimetric method)	200	600
5	Total Alkalinity as CaCO ₃	mg/L, Max	120	APHA-23 rd Edition 2017-2320-B, (Titration Method)	200	600
6	Calcium as Ca ⁺	mg/L, Max	18.16	APHA-23 rd Edition 2017-3500-Ca-B, (EDTA Titrimetric Method)	75	200
7	Magnesium as Mg ⁺	mg/L, Max	12.14	APHA-23 rd Edition 2017-3500-Mg-B, (EDTA Titrimetric Method)	30	100
8	Fluoride as F ⁻	mg/L, Max	0.12	APHA 23 rd Ed. 2017-4500 F ⁻ C, (Ion selective electrode method)	1.0	1.50
9	Colour	CU (Hazen)	1	APHA 23 rd Edition (Visual Comparison Method)	5	15
10	Odour	--	Agreeable	IS 3025 (Part-5)	Agreeable	Agreeable
(B)	BIOLOGICAL PARAMETERS					
11	Total Coliform	CFU/100 mL	NIL	APHA 23 rd Ed. 2017-9222B (Membrane Filter Technique)	Shall not be detectable in any 100 mL Sample	
12	Thermotolerant (Fecal) Coliform/ E.Coli	CFU/100 mL	NIL	APHA 23 rd Ed. 2017-9222D (Membrane Filter Technique)	Shall not be detectable in any 100 mL Sample	

Remarks:-According to above parameters Water is fit for drinking Yes ☒ / No ()

Specific contractual notes:-

- 1.The results listed refer only to the tested sample and applicable parameter.
- 2.This report shall not be reproduced except in full without approval of the laboratory.
- 3.This report results apply to the sample as received.
- 4.This report results relate only to the items tested.
- 5.This report, in full or in part, shall not be used for advertising or as evidence in any court of law.
- 6.Tested Sample shall be retained up to seven days from the date of issue of the test report
- 7.The liability of the laboratory is limited to the invoiced amount.
- 8.All disputes are subjected to the Hazaribagh Jurisdiction.
- 9.NOTE:- BDL=Below Detection Limit

On the basis of above tested parameters collected sample confirms IS 10500.

Reviewed by	Authorized by
 10/01/2025	 10/01/2025
Mr. B.K. Prasad Technical Manager	Quality Manager District Level Water Testing Laboratory D.W.&S. Division, Hazaribagh

End of Report.....

Address:- Office of the Executive, Engineer, Drinking Water and Sanitation Division, Hazaribagh
Contact no-7004844353.Email: dlwtl.hazaribagh@gmail.com

APPENDIX - VIII

PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION
CERTIFICATE.

No. DWSD/24-25/13

Date : 10/01/2025

It is certified that an inspection team headed by B. K. PRASAD
TECHNICAL MANAGER (Name of Officers
with designation) from D.W.S SAN. DIVISION HAZARIBAGH (Name of
Department/Office) inspected the DR. RADHAKRISHNAN SCHOOL OF
LEARNING, NH-33, BARHI, HAZARIBAG ROAD, BONGA (Name & Address of
the School) on 10/01/2025 and found that the DR. RADHAKRISHNAN
SCHOOL OF LEARNING NH-33, BARHI H2B, ROAD (Name of school) has safe
drinking water facilities for the students and members of staff of the institution and is maintaining
the hygienic sanitation condition in the school building & the campus as per the norms
prescribed by the Central/State/U.T Govt.

The above valid for a period of 06 Months only

Signature with Seal : [Signature]

Name :

Designation :

Authorised Signatory
District Level Water Testing Laboratory
Hazaribagh, Jharkhand

To

DR. RADHAKRISHNAN SCHOOL
OF LEARNING NH-33, BARHI
HAZARIBAG ROAD, BONGA, HAZARIBAG

(Name & Address of the Institution)