

## Water Analysis Report



### District Level Water Analysis Laboratory


(An NABL Accredited Laboratory)


Office of Executive Engineer, Khand Karyalya, Opposite SMTD College

Ballia-277001

URL No.: TC-BUI/MAY26/2111		Date: 20/05/2026		No. of Pages: 1	
Customer Details					
Office Name and Address		ST. XAVIERS SCHOOL, BALLIA			
Ref. Letter No. & Date					
Basic Details of Sample					
District	BALLIA	Block	SIAR		
Gram Panchayat	BELTHARA ROAD BALLIA	Village	BELTHARA ROAD BALLIA		
Habitation	BELTHARA ROAD BALLIA	Latitude	BELTHARA ROAD BALLIA		
		Longitude			
Water Source	RO	Sample Code	BUI/MAY26/2111		
Quantity of Sample	1000 ML	Sampling date	15-05-2026		
Sample Received Date	15-05-2026	S. collected by	MANISH TIWARI		
Sampling Method Used	IS 17614 (Part 3):2022	Sample Depositor	MANISH TIWARI		
Analysis Start Date	19-05-2026	Analysis Completion date	20-05-2026		
TEMP- 26°c	HUMIDITY-55%				
S. No.	Analysed Parameters	Observed Value	Specification as per IS 10500:2012 (Second Revision)		Ref. Methods of Analysis
			Acceptable Limit	Permissible Limit	
1	2	3	4	5	6
1	Odour	Agreeable	Agreeable	Agreeable	IS 3025 (Part 5): 2018
2	Taste	Agreeable	Agreeable	Agreeable	IS 3025 (Part 8): 2023
3	pH	7.68	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
4	Turbidity (NTU)	1.22	1	5	IS 3026 (Part 10): 2023 (Nephelometric method)
5	Total Dissolved Solids, mg/l	58.00	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
6	Chloride (as Cl), mg/l	4.56	250	1000	IS 3025 (Part 37): 2019 Argentometric method
7	Total Alkalinity, (as CaCO <sub>3</sub> ) mg/l	18.00	200	600	IS 3025 (Part 23): 2023 (Potentiometric and Indicator method)
8	Total Hardness, (as CaCO <sub>3</sub> ) mg/l	22.00	200	600	IS 3025 (Part 21): 2019 (EDTA method)
9	Calcium (Ca), mg/l	6.23	75	200	IS 3025 (PART 40): 2019; EDTA titrimetric method
10	Magnesium mg/l	2.36	30	100	IS 3025 (PART 46): 2019; Volumetric method using EDTA
11	Sulphate (as SO <sub>4</sub> ), mg/l	9.23	200	400	APHA 24rd Edition -4500-SO <sub>4</sub> Method E (Turbidimetric Method): 2023
12	Nitrate (as NO <sub>3</sub> ), mg/l	3.12	45	No relaxation	APHA 24rd Edition -4500- NO <sub>3</sub> Method B (UV Screening Method): 2023
13	Fluoride (as F), mg/l	0.01	1.0	1.5	APHA 24rd Edition -4500-F Method C (Ion-Selective Electrode Method): 2023
14	Iron (as Fe), mg/l	0.32	1.0	No relaxation	APHA 24rd Edition -3500-Fe Method B (Phenanthroline Method): 2023
15	Color (Hazen unit)	NA	5.0	15	APHA 24rd Edition-2120 Color method B (Platinum cobalt visual comparison): 2023
16	Total Arsenic (as As), mg/l	BDL	0.01	No relaxation	APHA 24rd Edition -3500 Method B (Silver Diethyldithiocarbamate Method): 2023
BDL-Below Detection Limit, NA- Not Analysed					
<p>Note: 1. This certificate refers only to the particular sample(s) submitted for analysis.</p> <p>2. This certificate shall not be reproduced, except in full, unless written permission for the publication of an approved abstract has been obtained from Head of Laboratory.</p> <p>3. The analysis results reported in this certificate are valid at the time of and under the stated conditions of measurements.</p> <p>4. Sample(s) will be stored up to 07 days (in case of non-perishable items only) from the date of issue of analysis reports, unless otherwise specified.</p> <p>5. Parameters above Permissible Limit are written in bold.</p> <p>6. Sample(s) with any parameter value above Accepted Limit will only be used for oral consumption, if no other source is available.</p> <p>7. Sample is Not Collected by Lab.</p>					
Shubhanakar Chaudhary SHUBHANKAR CHAUDHARY (Report prepared by)		Shiv Shankar Aggarwal SHIV SHANKAR AGGARWAL (Report Review by)		Ashish Kumar District Level Water Analysis Laboratory U.P. Jaunpur (Rural) Ballia	

\*\*\*\*\*END OF THE ANALYSIS REPORT\*\*\*\*\*

  
**Principal**  
**St. Xavier's School**  
**Belthara Road, Ballia (U.P.)**

  
**CHAIRMAN**  
**St. Xavier's Shikshan Sansthan**  
**Belthara Road, Ballia (U.P.)**

## Annexure C

### SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. ANN - C / 2111 / 2026 / 05

Dated: 20.05.2026

It is certified that an inspection team headed by-Ravi Kumar Chauhan Assistant Engineer (Name of Officers with designation) Uttar Pradesh Jal Nigam Rural Ballia inspected ST . XAVIER SCHOOL BALLIA on 20.05.2026 and on the basis of Water Test Report (Attached) bearing no (BUI/MAY26/2111) dated 20-05-2026 of District Level Water Analysis Laboratory U.P Jal Nigam Rural Ballia certified that the ST. XAVIER SCHOOL BELTHRA ROAD BALLIA has safe drinking water facilities for the students and members of staff of the institution. School also maintains the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/ State/ U.T. Govt.

This certificate is valid till 1Year

Signature with Seal.

Name- Ravi Kumar Chauhan

Designation-Assistant Engineer

Name & Address of the Office /Department -  
Uttar Pradesh Jal Nigam (Rural) Ballia

सहायक आरक्षक  
उत्तर प्रदेश जल निगम (ग्रामीण)  
बलिया

To

Principal  
ST. XAVIER SCHOOL BELTHRA ROAD BALLIA

*Shukla*  
Principal  
St. Xavier's School  
Belthara Road, Ballia (U.P.)

*Swing*  
CHAIRMAN  
St. Xavier's Shikshan Sansthan  
Belthara Road, Ballia (U.P.)