

# Water Analysis Report



## District Level Water Analysis Laboratory

(An NABL Accredited Laboratory)

Office of Executive Engineer, Khand Karyalya, Opposite SMTD College

Ballia-277001



TC-12228

URL No.: TC-1222824000000034F

Date: 18/01/2025

No. of Pages: 1

### Customer Details

Office Name and Address: NAVJEEVAN ENGLISH SCHOOL(BELTHARA ROAD),BALLIA

Ref. Letter No. & Date

### Basic Details of Sample

District	BALLIA	Block	SIAR
Gram Panchayat	BELTHARA ROAD	Village	BELTHARA ROAD
Habitation	BELTHARA ROAD	Location	SCHOOL
Water Source	SUMMERSIBLE	Sample Code	BUI/JAN/469
Quantity of Sample	1000 ML	Sampling date	16/1/2025
Sample Received Date	16/1/2025	S. collected by	ASHUTOSH
Sampling Method Used	IS 17614 (Part 3):2022	Sample Depositor	ASHUTOSH
Analysis Start Date	16/1/2025	Analysis Completion date	18/1/2025

Temperature - 21.2°C

Humidity-59%

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	7.26	6.5-8.5	6.5-8.5	IS 3025 (Part 11): 2022, Electrometric Method
4	Turbidity (NTU)	1.21	1	5	IS 3025 (Part 10):2023 (Nephelometric method)
5	Total Dissolved Solids, mg/l	224.00	500	2000	IS 3025 (Part 16): 2023 (Gravimetric method)
6	Chloride (as Cl), mg/l	10.98	250	1000	IS 3025 (Part 32): 2019 Argentometric method
7	Total Alkalinity, (as CaCO <sub>3</sub> ) mg/l	184.00	200	600	IS 3025 (Part 23): 2023 (Potentiometric and indicator method)
8	Total Hardness, (as CaCO <sub>3</sub> )	200.00	200	600	IS 3025 (Part 21): 2019 (EDTA method)
9	Calcium (Cl), mg/l	22.44	75	200	IS 3025 (PART 40) 2019; EDTA titrimetric method
10	Magnesium mg/l	34.99	30	100	IS 3025 (PART 46) 2019; Volumetric method using EDTA
11	Sulphate (as SO <sub>4</sub> ), mg/l	9.36	200	400	APHA 24rd Edition -4500-SO <sub>4</sub> Method E (Turbidimetric Method): 2023
12	Nitrate (as NO <sub>3</sub> ), mg/l	2.06	45	No relaxation	APHA 24rd Edition -4500- NO <sub>3</sub> Method B (UV Screening Method): 2023
13	Fluoride (as F), mg/l	0.28	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	Total Arsenic (as As), mg/l	0	0.01	No relaxation	APHA 24rd Edition -3500 Method B (Silver Diethyldithiocarbamate Method): 2023

All These parameters are under NABL Scope, BDL-Below Detection Limit, NA- Not Analysed

**Note:**

1. This certificate refers only to the particular sample(s) submitted for analysis.
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.
3. The analysis results reported in this certificate are valid at the time of and under the stated conditions of measurements.
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.
5. Parameters above Permissible Limit are written in **bold**.
6. Sample(s) with any parameter value above Accepted Limit will only be used for oral consumption, if no other source is available.
7. Sample is Collected by Lab.

*Shiv Shankar Aggarwal*

SHIV SHANKAR AGGARWAL

(Report prepared by)

*ASHUTOSH KUMAR*  
Technical Manager  
District Level Water Analysis Laboratory  
(Report Authorised by)  
ASHUTOSH KUMAR  
Ballia Nigam (Rural)

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Ballia

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

APPENDIX - VIII

PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION  
CERTIFICATE.

No. \_\_\_\_\_

Date : 21.01.2025

It is certified that an inspection team headed by Dr. Rakesh  
Kumar Singh (Name of Officers with designation) from Community Health center Belthara road (Name of Department/Office) inspected the Navjeevan English school Belthara Road Ballia U.P. (Name & Address of the School) on 21.01.2025 and found that the Navjeevan English school Belthara Road Ballia (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 Jan 2025 - Jan 2026

Signature with Seal : Dr. Rakesh Kumar Singh

Name

: Dr. Rakesh Kumar Singh  
Designation : Supervisor

अधिकारी  
सामुदायिक स्वास्थ्य केन्द्र  
सीयर-बालिया

To

The Principal  
Navjeevan English school  
Belthara road Ballia U.P.

(Name & Address of the Institution)