



# Analysis Report

District Level Water Analysis Laboratory, U.P. Jal Nigam (Rural)  
Babina, Jhansi  
MSF-5.10.01



Certificate No. : TC-9907

Report number - C/23-24/08/2263

Date - 16.08.2023

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## Customer Details

Office Name and Address Allen House Public School, Bijauli, Jhansi.

## Basic details of sample

District	Jhansi	Block	
Gram Panchayat		Village	Bijauli
Habitation		Location	Allen House Public School, Bijauli, Jhansi.
Source	borewell	Sample Number	2263
Quantity of sample	1 lit	Date of sample collection	14.08.2023
Sample receiving date	14.08.2023	Name of sample collector	Amit Nahar
Name of Sample depositor	Amit Nahar	Date of Initiation of Test	14.08.2023
Date of Completion of Test	16.08.2023		

## Technical Data of Analysis

S. No.	TESTED PARAMETERS	OBSERVED VALUES	SPECIFIED VALUES AS Per BIS 10500:2012		TEST METHOD
			Acceptable Limit	Permissible Limit in the absence of Alternate source	
1	pH	6.69	6.5-8.5	6.5-8.5	IS 3025 (Part 11) M-2- 2012
2	Turbidity (NTU)	0.86	1.0	5.0	IS 3025 (Part 10) : 1984
3	Chloride (mg/l)	7.71	250	1000	IS 3025 (Part 32) : 2014
4	Total Hardness (mg/l)	32.0	200	600	IS 3025 (Part 21) : 2009
5	Calcium as Ca (mg/l)	1.60	75	200	IS 3025 (Part 40) : 1991
6	Alkalinity (mg/l)	20.0	200	600	IS 3025 (Part 23) : 2008
7	Magnesium as Mg (mg/l)	6.80	30	100	IS 3025 (Part 46) : 1994
8	Sulphate (mg/l)	2.454	200	400	IS 3025 (Part 24) M-4-2009
9	TDS (mg/l)	52	500	2000	IS 3025 (Part 16) : 2008
10	Iron (mg/l)	0.16	1	1	IS 3025 (Part 53) M-6-2003
11	Fluoride	0.069	1.0	1.5	IS 3025 (Part 60) : 2008

## NOTE:

- \* These parameter are out of NABL Scope
- 1- This certificate is only applicable for the above tested parameters.
  - 2- Parameters above permissible limit are bold.
  - 3- This certificate refers only to the particular sample(s) submitted for testing.
  - 4- This certificate shall not be reproduce, except in full, unless written permission for the publication of an approved abstract has been obtained from Head of
  - 5- The test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
  - 6- Sample will be stored up to 7 days (in case of non perishable items only) from the date of issue of tests reports unless other wise specified.

End of the Report

Issued by

(Yashvendra singh)  
Technical Manager  
Mob :-7007789029

**OFFICE OF THE EXECUTIVE ENGINEER, CONSTRUCTION DIVISION, U.P. JAL NIGAM (URBAN), JHANSI.**

**Bacteriological Examination of Water**

Report No. **P-39**      Date **22/8**      From **—**      To **—**

Sl. No.	Time of Sampling		Place of Sampling	Name and Designation of Sample collector	Residual Chlorine at the time of sampling mg/lit	Time of inoculation		Nos. of colonies Developed on Agar plate per ml.		No. of tubes showing positive reaction out of			M.P.N. Index per 100 ml	Remarks
	Date	Time				Date	Time	48 hours at 37°C	72 hours at room temp	1 of 50 ml each	5 of 10 ml each	5 of 1 ml each		
131.	19/8	—	Tap No 1 Ground floor Allen House, Public School Bighda.	Dr. Pradip Kumar	—	19/8	12-40	—	—	0	0	0	0	Satisfactory

Copy Forwarded to 1. Executive Engineer, Construction Division, U.P. Jal Nigam (Urban), Jhansi.

2. Garrison Engineer M.E.S. BABINA/JHANSI

3. S.H.O. BABINA/JHANSI

4. C.E.O. Cantt Board, BABINA/JHANSI

✓ Principal, Allen House Public School, Bighda, Jhansi

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Chemist

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Junior Engineer

*Handwritten signature*  
Assistant Engineer