



# Analysis Report

## District Level Water Analysis Laboratory U.P Jal Nigam (Rural), Mirzapur, Uttar Pradesh, India



TC-9959

Rept No 6950      Date 02-03-2023      Page No. 1      1

### Customer Details

Office Name and Address of the customer: **Shemford School, Basahi, Mirzapur**

### Basic details of sample

District	Mirzapur	Block	City
Gram Panchayat	-	Village/Mohalla	-
Habitation	-	Location/Site Name	Shemford School, Basahi, Mirzapur
Water Source	Borewell	Sample No.	1
Quantity of Sample	1 L	Date of Sample Collection	28-02-2023
Receiving Date	28-02-2023	Sample Collector	Dheeraj Kumar
Sample Depositer	Dheeraj Kumar	Analysis Completion Date	01-03-2023
Analysis Start Date	01-03-2023		

### Environmental Condition

Temperature: 23.8°C      Relative Humidity: 61%

### Technical Data of Analysis

S.No.	Analysed Parameter	Units	Observed Value	Specified Values as per IS		Ref. Method of Analysis
				Acceptable Limit	Permissible Limit	
	2	3	4	5	6	7
	pH	-	7.16	6.5-8.5	6.5-8.5	IS 3025 (Part 11) :2017 (Electrometric Method)
2	Turbidity	(NTU)	1.61	1.00	5.00	IS 3025 (Part 10) : 2017
3	TDS	(mg/L)	311	500	2000	IS 3025 (Part 16) : 2017
4	Chloride	(mg/L)	27.5	250	1000	APHA 23 Edition -4500 cl method B (argentometric method:2017)
5	Total Alkalinity	(mg/L)	230	200	600	IS 3025 (Part 23) : 2019
6	Total Hardness	(mg/L)	210	200	600	IS 3025 (Part 21) : 2019
7	Sulphate	(mg/L)	8.64	200	400	APHA 23 Edition -4500 SO4 method E (Turbidimetric method:2017)
8	Nitrate	(mg/L)	8.96	45	45	APHA 23 Edition -4500 NO3 method B (UV Spectrophotometric method:2017)
9	Fluoride	(mg/L)	0.211	1	1.5	APHA 23 Edition -4500 F method C (Electrode method:2017)
10	Iron	(mg/L)	0.35	1.0	1.0	APHA 23 Edition -3500 Fe method B (Phenanthroline method:2017)
11	Calcium	(mg/L)	60.12	75	200	IS 3025 (Part 40) :2019
12	Magnesium	(mg/L)	14.58	30	100	APHA 23 Edition -3500 Mg method B (by Calculation method:2017)

Note

1. This Certificate refers only to the particular sample(s) submitted for testing.
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 test results reported in this certificate are valid at the time of and under the stated conditions of measurements.
4. Sample will be stored up to 07 days (in case of non perishable items only) from the date of issue of tests reports unless otherwise specified.
5. BDL:- Below Detection Limit.
6. UDL:- Upper Detection Limit.
7. \* Mark Parameter is not under NABL Scope.

Authorized Signatory

(Avinash Kumar Singh)  
Chemist  
Prepared By

(Avinash Kumar Singh)  
Technical Manager



about Laboratory Contact details-Email-jalnigam3@gmail.com, Mob-7004603349/9955720321

*Shailesh*

**Shailesh Kumar Pandey**  
Principal  
Shemford School, Mirzapur-U.P.  
Sch. No.71114

*[Signature]*

**Manager**  
Shemford School  
Mirzapur



(जल परीक्षण रसीद)

कार्यालय, अधिशासी अभियन्ता

अभाव खण्ड, उत्तर प्रदेश जल निगम - मीरजापुर

प्रथम प्रति

दिनांक. 28/02/2023....


बिल संख्या

रसीद संख्या 62

श्री Shemford School, Bareilly से  
रुपया Seven hundred rupees बाबत Credit Debit हेतु

प्राप्त किया।

₹ 705/-

  
प्रयोगशाली इंचार्ज  
अभाव खण्ड उ० प्र० जल-निगम, मीरजापुर



Shailesh Kumar Pandey  
Principal  
Shemford School, Mirzapur-U.P.  
Sch. No.71114

  
Manager  
Shemford School  
Mirzapur