



District Level Water Analysis Laboratory , U.P Jal Nigam (Rural), BASTI
UPJN CONSTRUCTION DIVISION NEAR ST BASIL'S SCHOOL, KHEERIGHAT, BASTI

BACTERIOLOGICAL/Chemical Test /DWTI Date 20/06/2025 S.No. 112 1

ULR No.

Customer Details: G. D. GOENKA PUBLIC SCHOOL

Office Name and Address of the customer: BANSI ROAD PANDEY BAZAR, BASTI

Ref Letter No & Date

Basic details of sample

| | | | |
|---------------------|-----------------|--------------------------|----------------------------|
| District | BASTI | Block | BASTI SADAR |
| Gram Panchayat | | Village | PIPRA RAM KISHUN |
| Habitation | | Location | G. D. GOENKA PUBLIC SCHOOL |
| Water Source | SAMMARSIBLE | Sample No. | |
| Quantity of Sample | 1000 ml | Date of Collection | 19/06/2025 |
| Receiving Date | 19/06/2025 | Sample Collector | BHARAT BHOOSHAN |
| Sample Depositer | BHARAT BHOOSHAN | | |
| Analysis Start Date | 19/06/2025 | Analysis Completion Date | 20/06/2025 |

Environmental Condition

| | | | |
|-------------|--------|-------------------|----------|
| Temperature | 25±2°C | Relative Humidity | Upto 70% |
|-------------|--------|-------------------|----------|

Technical Data of Analysis

| S.No. | Units | Observed Value | Permissible Limit | Ref. Method of Analysis |
|-------|--------------------------|----------------|-------------------|---------------------------------------|
| 1 | 2 | 3 | 4 | 6 |
| 1 | TOTAL COLIFORM / E. coli | mpn | ABSENT | Should be 0.00 in 100 ml water sample |
| | | | | MPN/MFT METHOD |

- 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 7 days (in case of non perishable items only) from the date of issue of tests reports unless otherwise
 5. BDL: Below Detection Limit

Prepared By

(UPASANA CHANDRA)
Lab Technician





Analysis Report



District Level Water Analysis Laboratory, U.P. Jal Nigam (Rural), BASTI
 UPJN CONSTRUCTION DIVISION NEAR ST BASIL'S SCHOOL, KHEERIGHAT, BASTI TC-13513

Chemical Test /DWTL Date 20/06/2025 S.No. 112

ULR No.

Customer Details: G. D. GOENKA PUBLIC SCHOOL

Office Name and Address of the customer: BANSI ROAD PANDEY BAZAR, BASTI

Ref Letter No & Date

Basic details of sample

| | | | |
|---------------------|------------------|--------------------------|----------------------------|
| District | BASTI | Block | BASTI SADAR |
| Gram Panchayat | MAJHARIYA VIKRAM | Village | PIPRA RAM KISHUN |
| Habitation | | Location | G. D. GOENKA PUBLIC SCHOOL |
| Water Source | SAMMARSIBLE | Sample No. | 1 |
| Quantity of Sample | 1000 ml | Date of Collection | 19/06/2025 |
| Receiving Date | 19/06/2025 | Sample Collector | BHARAT BHOOSHAN |
| Sample Depositer | BHARAT BHOOSHAN | | |
| Analysis Start Date | 19/06/2025 | Analysis Completion Date | 20/06/2025 |

Environmental Condition

| | | | |
|-------------|--------|-------------------|----------|
| Temperature | 25±2°C | Relative Humidity | Upto 70% |
|-------------|--------|-------------------|----------|

Technical Data of Analysis

| S.No. | | Units | Observed Value | Specified Values as per IS | | Ref. Method of Analysis |
|-------|------------------|--------|----------------|----------------------------|-------------------|---|
| | | | | Acceptable Limit | Permissible Limit | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | pH | - | 7.091 | 6.5-8.5 | 6.5-8.5 | APIA 23 Edition 4500-11-B-2023 (Electrometric Method) |
| 2 | Turbidity | (NTU) | 0.98 | 1 | 5 | IS 3025 (Part 10):2023 (Nephelometric Method) |
| 3 | TDS | (mg/L) | 214 | 500 | 2000 | IS 3025 (Part 16):1984:2021 (Gravimetric Method) |
| 4 | Chloride | (mg/L) | 12 | 250 | 1000 | IS 3025 (Part 32):2019 (Argentometric Method) |
| 5 | Total Alkalinity | (mg/L) | 233 | 200 | 600 | IS 3025 (Part 23):2023 (Indicator Method) |
| 6 | Total Hardness | (mg/L) | 293 | 200 | 600 | IS 3025 (Part 21):2019(EDTA Method) |
| 7 | Sulphate | (mg/L) | 7.283 | 200 | 400 | IS 3025(Part 24):2022 (Turbiditic Method) |
| 8 | Nitrate | (mg/L) | 5.469 | 45 | 45 | APIA 23 Edition 4500-NO ₃ ⁻ -B-2017 (UV-Screening Method) |
| 9 | Calcium | (mg/L) | 183 | 75 | 200 | IS 3025 (Part 40):2019(EDTA Method) |
| 10 | Fluoride | (mg/L) | 0.453 | 1 | 1.5 | IS 3025(Part 60):2022 (Ion-Selective Electrode) |
| 11 | Magnesium | (mg/L) | 51 | 30 | 100 | IS 3025 (Part 05):2019(CALCULATION Method) |
| 12 | Iron | (mg/L) | 0.393 | 1 | 1 | IS 3025(Part 53):2019 (Phenanthrothraline Method) |

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 4. Sample will be stored up to 7 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. Sample has not been taken by Laboratory

Prepared By
 (ANKIT KUMAR)
 Lab Technician

Quality
 Authorized Signatory
 (MAHINA TRIPATHI)
 Technical Manager