

GOVERNMENT OF BIHAR
P. H. Division , Begusarai & Teghra
DISTRICT LEVEL WATER TESTING LABORATORY, BEGUSARAI

Report No. :- WQ/ T/ 01/ 2007 -30 Dt. 18.05.2026
 Ref Memo No.:- DPSS/BGS/L.N. 08/2026-27, 16.05.2026
 Source of Sample :- Boring
 Sample Collected By :- Scool Staff

Date of Sampaling - 16.05.2026
 Sampal recieved on- 16.05.2026
 Type Of Sample:- Treated Water

PHYSICO-CHEMICAL TEST REPORT

| Sl. No. | SITE NAME | Physico - Chemical Parameters ppm (mg / l) | | | | | | | | | | | | | | |
|---|---|--|---------------|-----------------------|--------------------|----------------|----------------|----------------|--------------------------|----------------|---------------------------------|---------------------|---------------------|---------------------|---------------------|------------|
| | | pH | Turbidity | Colour | TDS | Total Hardness | Calcium | Magnesium | Chloride | Alkalanity | Iron | Nitrate | Arsenic | Odour | Bacteriological | Remarak |
| 1 | DPS School, Mahmampur, Begusarai 851129 | 7.21 | 1 | <5 | 289 | 157 | 55 | 19 | 32 | 142 | 0.39 | 5 | BDL | Agreeable | Negative | |
| Desirable Limit* | | 6.5-8.5 | 1 NTU | 5HU | 500mg | 200mg | 75mg/l | 30mg/l | 250mg/l | 200mg/l | 1.0mg/ | 45mg/l | 0.01mg/ | Agreeable | .. | |
| Permissible Limit* in absence of alternate source | | NR | 5 NTU | 15HU | 2000m | 600mg | 200mg/l | 100mg/l | 1000mg | 600mg/l | NR | NR | NR | NR | .. | |
| Method of Testing Parameters | | pH meteric | Nephalometric | IS 3025 (Part) : 2021 | Conductivity Meter | EDTA Titration | EDTA Titration | EDTA Titration | Silver Nitrate Titration | Acid Titration | Phenonthroline Spectrophotometr | Spectrophotometr UV | Spectrophotometr UV | Spectrophotometr ic | Spectrophotometr ic | [H2S vial] |

Note:-
 *(1) Drinking Water Specification 2nd Revision -IS:10500:2012
 *(2) Testing Methods are taken by APHA 24th Edition
 *(3) NR = No Relaxation
 *(4) N.A./T. = Not available/ Tested
 *(5) BDL = Below Detection Limit,


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