

**GOVERNMENT OF BIHAR**  
P. H. Division , Begusarai  
**DISTRICT LEVEL DRINKING WATER TESTING LABORATORY, BEGUSARAI.**

Report No. :- WQ/T/01/2007-3202. Dt. 19.06.2023  
Ref No :- BPSPS/G/33. Dt: 14.06.2023  
Sample Collected by - Arvind Kumar (principal).

Date of Sampling - 14.06.2023  
Sample received on - 15.06.2023  
Source of Sample :- Boring(Treated Water).

PHYSICO-CHEMICAL TEST REPORT

| Sl. No.                                           | SITE NAME                                                                                        | Physico - Chemical Parameters (mg/l ) ppm |           |              |          |                |         |           |          |            |         |                     |          |          |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------|-----------|--------------|----------|----------------|---------|-----------|----------|------------|---------|---------------------|----------|----------|
|                                                   |                                                                                                  | pH                                        | Turbidity | Conductivity | TDS      | Total Hardness | Calcium | Magnesium | Chloride | Alkalinity | Iron    | Bactrological (H.S) | Arsenic  | Fluoride |
| 1                                                 | B.P.S.Public School Affiliation No.330642<br>School No.65638 At.+Po+P.S-Naokothi<br>, Begusarai. | 7.5                                       | BDL       | 431          | 280      | 262            | 60      | 16        | 66       | 252        | 0.16    | (-)ve               | BDL      | 0.52     |
| Desirable Limit*                                  |                                                                                                  | 6.5-8.5                                   | 1 NTU     | -            | 500mg/l  | 300mg/l        | 75mg/l  | 30mg/l    | 250mg/l  | 200mg/l    | 1.0mg/l | (+,-)               | 0.01mg/l | 1.0mg/l  |
| Permissible Limit* in absence of alternate source |                                                                                                  | NR                                        | 5 NTU     | -            | 2000mg/l | 600mg/l        | 200mg/l | 100mg/l   | 1000mg/l | 600mg/l    | NR      |                     | NR       | 1.5mg/l  |

Note:-

- \* (1) Drinking Water Specification Second Revision -IS:10500:2012,
- \* (2) BDL = Below Detection Limit,
- \* (3) Testing Methods are taken by APHA 23rd Edition 2017.
- \* (5) The result are reported based on materials received. Sample will be destroyed after 10 days from the date of issue of the certificate unless otherwise specified."