

Public Health Division, Arwal  
District Level Water Testing Laboratory  
Water Quality Testing Report

Sample submitted to lab by:- Manager, Assembly of God School of Education, Sakri Arwal  
Letter No:- Ref/AGSE/24/1127 Dated:- 18.07.2024  
Sample submitted on date:- 20.07.2024  
Testing Date:- 23.07.2024

District Name:- Arwal

| Sl. No.  | Block | Location of Source                                      | Type of Source             | Parameters Tested |     |           |                |          |           |           |            |          |
|--|-------|---|----------------------------|-------------------|-----|-----------|----------------|----------|-----------|-----------|------------|----------|
|  |       |   |                            | Turbidity         | EC  | TDS       | Total hardness | Calcium  | Magnesium | Chloride  | Alkalinity | Flouride |
| 1  | Arwal | Assembly Of God School of Education, Sakri Arwal, Bihar | HP                         | 1.4               | 538 | 334       | 165.24         | 47.32    | 11.4      | 25        | 230.88     | 0.51     |
| 2  | Arwal | Assembly Of God School of Education, Sakri Arwal, Bihar | Sumerssible(So urce Point) | 1.1               | 480 | 312       | 142.8          | 41.61    | 9.41      | 22        | 218.4      | 0.47     |
| 3  | Arwal | Assembly Of God School of Education, Sakri Arwal, Bihar | Tanki Water                | 1.2               | 484 | 314       | 144.84         | 42.43    | 9.41      | 24        | 220.48     | 0.47     |
| Acceptable limit (BIS10500:2012)                         |       |   |                            | 1                 | -   | 500       | 200 mg/l       | 75 mg/l  | 30 mg/l   | 250 mg/l  | 200 mg/l   | 1.0 mg/l |
| Maximum permissible limit in absence of alternate source |       |   |                            | 5 NTU             | -   | 2000 mg/l | 600 mg/l       | 200 mg/l | 100 mg/l  | 1000 mg/l | 600 mg/l   | 1.5 mg/l |

*Ritam Kumar*  
25/07/24

Lab Assistant,  
District Water Testing Laboratory,  
P.H. Division, Arwal.

*[Signature]*  
28/07/24

Chemist,  
District Water Testing Laboratory  
P.H. Division, Arwal.

*[Signature]*  
20/07/24

Executive Engineer,  
P.H. Division, Arwal.

Memo:- 886

Date:- 30.07.2024

Copy to Manager, Assembly of God School of Education, Sakri Arwal w. r. t reference Letter no. Ref/AGSE/24/1127 Dated:- 18.07.2024

*[Signature]*  
30/07/24

Executive Engineer  
P.H. Division, Arwal.

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