

Government of Bihar.
DISTRICT LEVEL WATER QUALITY TESTING LABORATORY (DLWQTS) SITAMARHI.
Public Health Engineering Department.
DRINKING WATER QUALITY TEST REPORT

Name of District:- Sitamarhi

Sampling Date :- 11-06-2024

Name of Person/Organization :- Manju Choudhary Memorial School

Block:- Pupri

Panchayat:- Nagar Parishad Janakpur Road (W-25)

Sample Collected by:- Assistant Teacher

Date of Analysis Completed :- 11-06-2024

Sl. No.	Parameters	Desirable Limit (value in mg/l except pH)	Permissible limit in Absence of Alternative Source	Water testing result (in mg/l)	Remarks
1	Turbidity	10 NTU	5.0 NTU	3.20	Analysed sample of water conforms to Indian standard limit (IS 10500:2012)
2	pH	6.5-8.5	No relaxation	7.50	
3	Conductivity	-	-	564	
4	Total hardness	300	600	160	
5	Alkalinity	200	600	184	
6	Calcium	75	200	42	
7	Magnesium	30	100	36	
8	Chloride	250	1000	25	
9	Iron	0.3	1	0.40	
10	Nitrate	45	No relaxation	4	
11	Fluoride	0.2	1.5	0.2	
12	TDS	500	2000	258	
13	Arsenic	0.01	0.01	-	
14	Bacteriological	-	-	Negative	

Note:- (i) Drinking water Specification: second Revision -15:10500:2012, (ii) BDL means Below Detection limit, (iii) NR means no relaxation

[a] Throughout any year 35% of the samples should not contain coliform organism in 100 ml.

[b] No sample should contain more than 10 coliform organisms per 100 ml.

[c] coliform organisms should not be detected in 100 ml of any two consecutive samples.

Chemist
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 11/06/2024
 Public Health Subdivision
 Pupri

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