

PUBLIC HEALTH ENGINEERING DEPARTMENT
Regional Water Testing Laboratory Muzaffarpur

Water Quality Test Report

Dated : 12.04.2024

1. District :- Muzaffarpur
2. Block-Bochaha
3. Panchayat: Jhapphan
4. Address :- Ramjee Prasad Sahu public school
5. Name of the Scheme-Submersible

Name of School- R.P.S PUBLIC SCHOOL

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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	1.0 NTU	5.0 NTU	1.23	Analysed sample of water conforms to Indian standard limit (IS 10500:2012)
2	pH	6.5-8.5	No relaxation	7.38	
3	Conductivity	-	-	623.18	
4	Total hardness	300	600	242.63	
5	Alkalinity	200	600	224.24	
6	Calcium	75	200	63.28	
7	Magnesium	30	100	19.10	
8	Chloride	250	1000	75.20	
9	Iron	0.3	1	0.32	
10	Nitrate	45	No relaxation	2.15	
11	Fluoride	0.2	1.5	0.23	
12	TDS	500	2000	478.48	
13	Arsenic	0.01	0.01	-	
14	Bacteriological	-	-	Negative	
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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
R.W.T.L. MUZAFFARPUR