

**DISTRICT LEVEL WATER QUALITY TESTING LABORATORY (DLWQTL) E.CHAMPARAN,
MOTIHARI.**



Public Health Engineering Department, Government of Bihar
DRINKING WATER QUALITY TEST CERTIFICATE



Letter No. 05.....

Name of District : East Champaran

Sampling Date : 16.04.2025

Sample Receiving Date in Lab: 16.04.2025

Sample Code: 12/Rax/Apr/2025

Date- 17/04/2025

Sample Collected By : Not Collected by us.

Source of Sample : Boring

Date of Testing : 17.04.2025

Valid Up To- 16.04.2026

Name of Person/Organization/Location:	Rising Star Outreach of India, Andrus Campus, Jatiyahi Raxaul, East Champaran.
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PHYSICO-CHEMICAL & BACTERIOLOGICAL TEST REPORT

Sl. No.	Parameters	Desirable Limit*	Permissible Limit* in absence of alternate source	Method of Testing Parameters	Results
1	pH Value	6.5-8.5	No relaxation	pH meter	7.19
2	Turbidity, NTU, Max	5	10	Nephelometric	1.00
3	Conductivity, $\mu\text{mho/cm}$	-	-	Conductivity meter	275
4	Total Dissolved Solid, mg/l, Max.	500	2000	Conductivity meter	179
5	Total Hardness (as CaCO_3), mg/l, Max	300	600	EDTA method	160.00
6	Calcium (as Ca), mg/l, Max	75	200	EDTA method	32.00
7	Magnesium (as Mg), mg/l, Max	30	100	EDTA method	11.00
8	Chloride (as Cl), mg/l, Max.	250	1000	Titration	10.00
9	Alkalinity (as CaCO_3), mg/l, Max.	200	600	Titration	180
10	Iron (as Fe), mg/l, Max.	1	No relaxation	Phenanthroline	0.44

Notes:-Fit for Drinking Purpose as Above Parameters.

Note: *(1) Drinking Water Specification First Revision -IS:10500:1991, Edition 2.2(2003-09)(Reaffirmed 1993). (2) BDL = Below Detection Limit, (3) Testing Methods are taken by APHA 20th Edition. (4) NR = No Relaxation, (5) ND = Not Done.

**(a) Throughout any year, 95% of the samples should not contain coliform organisms in 100ml, (b) No sample should contain more than 10 coliform organisms per 100ml, (c) Coliform organisms should not be detected in 100ml of any two consecutive samples.



Vikas Kumar
Vikas Kumar
Principal
Rising Star Outreach of India

Safe Drinking Water and Sanitary Condition Certificate

No. 05/12/RAX/APR/2025

Date 17/04/2025

It is certified that an inspection team headed by ..P.H.E.D. MOTIHARI.....of Public Health Engineering Department of Government of Bihar inspected the Rising Star Outreach of India campus on ...16/04/2025 and based on the water test report (Attached) bearing no. 12/RAX/APR/2025 dated ...17/04/2025....of Public Health Engineering Departmental laboratorty.

Further certified that the students and staff members of the school is maintaing the hygienic sanitation condition in the school building as well as in campus as per the norms prescribed by Government of Bihar.

This certificate is valid till ...ONE YEAR.....

Prasanna 19/04/25
Assistant Engineer
PH Sub division
Mothari

Signature with seal.....

Name...BRIJ BIHARI PASWAN

Designation.....A.E.....

Name and address of the Department..P.H.E.D, MOTIHARI

Rising Star Out Reach of India

Lachhumanwa(Near Tilawe)

Po: Jatiahi , City: Raxaul,

Dist. : East Champaran,

Province: Bihar

Country: India

Pin Code: 845 305

Vikas Kumar

Vikas Kumar

Princip..

Rising Star Outreach of India