

APPENDIX - VIII

PROFORMA REGARDING SAFE DRINKING WATER AND SANITARY CONDITION  
CERTIFICATE.

No. 15/feb/2024

Date: 07-02-2024

It is certified that an inspection team headed by PH DIVISION, MOTIHARI  
District Laboratory, Motihari (EC) (Name of Officers  
with designation) from Chemist, Amit Kumar (Name of  
Department/Office) inspected the Gk Memorial School, Chhapra  
Bahas, East Champaran, Motihari (Name & Address of  
the School) on \_\_\_\_\_ and found that the Gk Memorial School,  
Chhapra Bahas, East Champaran, Motihari (Name of school) has safe  
drinking water facilities for the students and members of staff of the institution and is maintaining  
the hygienic sanitation condition in the school building & the campus as per the norms  
prescribed by the Central/State/U.T Govt.

The above valid for a period of 07/02/2024 to 6/08/2024

Signature with Seal : \_\_\_\_\_

Name : \_\_\_\_\_

Designation : \_\_\_\_\_



To

Gk Memorial School  
Chhapra Bahas, Motihari,  
East Champaran - 845435

(Name & Address of the Institution)



**DISTRICT LEVEL WATER QUALITY TESTING LABORATORY (DLWQTL) MOTIHARI**

Public Health Engineering Department, Government of Bihar

DRINKING WATER QUALITY TEST AMOUNT CHARGES

Name of District: Motihari, East Champaran.

Sampling Date: 30-07-2022

Sample Receiving Date: 30-07-2022

Sample Collected By: Not collected by us

Source of Sample: Boring

Type of Samples	Name of Organisation/Person	Number of Sample	Parameters Tested	Amount
Private	G.K Memorial School Chapra Bahas Near (IOCL Depo) Motihari East Champaran	1	Physico-Chemical and Bacteriological parameters	1500





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

**Public Health Engineering Department, Government of Bihar**

**DRINKING WATER QUALITY TEST CERTIFICATE**

Name of District: East Champaran

Sample Collected By: Lab Assistant

Sampling Date: 30.07.2022

Name of Person/Organization: G K Memorial  
School

Source of Sample: Boring

Sample Code: 297/Mot/Jul/2022

Sample Reciving Date: 30-07.2022

Location:	G K Memorial School Chapra Bahas Near (IOCL Depo) Motihari , 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	7.11
2	Turbidity, NTU, Max	5	10	Nephelometric	1
3	Conductivity, $\mu$ mho/cm	-	-	Conductivity meter	240
4	Total Dissolved Solid, mg/l, Max.	500	2000	Conductivity meter	140
5	Total Hardness (as $\text{CaCO}_3$ ), mg/l, Max	300	600	EDTA method	120
6	Calcium (as Ca), mg/l, Max	75	200	EDTA method	22.43
7	Magnesium (as Mg), mg/l, Max	30	100	EDTA method	7.95
8	Chloride (as Cl), mg/l, Max.	250	1000	Titration	12.81
9	Alkalinity (as $\text{CaCO}_3$ ), mg/l, Max.	200	600	Titration	135
10	Iron (as Fe), mg/l, Max.	0.3	1	Phenonthroline	0.27
11	Nitrate (as $\text{NO}_3$ ), mg/l, Max.	45	No relaxation	UV-method	0.16
12	Sulphate (as $\text{SO}_4$ ), mg/l, Max.	200	400	Turbidimetric	24.63
13	Fluoride (as F), mg/l, Max.	1	1.5	SPANDS	0.13
14	Arsenic (as As), mg/l, Max.	0.01	0.05	SDDC	BDL
15	Coliform Organisms, MPN/100ml	**	**	$\text{H}_2\text{S}$ Vials	-ve

**Note:-** 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.

Copy forwarded for information to: (i) Consultant Water Quality Cell, PHED, Govt. of Bihar, (ii) Director, Water Quality Cell, PHED, Govt. of Bihar, (iii) Engineer-in-Chief cum Special Secretary, PHED, Govt. of Bihar

