

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: Not Collected by us

Sampling Date: 13.04.2023

Name of Person/Organization: Shantiniketan
Jubilee School

Source of Sample: Boring

Sample 42/MoU/Apr/2023

Sample Receiving Date: 13.04.2023

Location:	Shantiniketan Jubilee School, Shantipur, 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	7.03
2	Turbidity, NTU, Max	5	10	Nephelometric	1
3	Conductivity, $\mu\text{mho/cm}$	-	-	Conductivity meter	260
4	Total Dissolved Solid, mg/l, Max.	500	2000	Conductivity meter	170
5	Total Hardness (as CaCO_3), mg/l, Max	300	600	EDTA method	140
6	Calcium (as Ca), mg/l, Max	75	200	EDTA method	28.43
7	Magnesium (as Mg), mg/l, Max	30	100	EDTA method	18.57
8	Chloride (as Cl), mg/l, Max.	250	1000	Titration	21.84
9	Alkalinity (as CaCO_3), mg/l, Max.	200	600	Titration	160
10	Iron (as Fe), mg/l, Max.	0.3	1	Phenanthroline	0.22
11	Nitrate (as NO_3), mg/l, Max.	45	No relaxation	UV-method	0.05
12	Sulphate (as SO_4), mg/l, Max.	200	400	Turbidimetric	8.71
13	Fluoride (as F), mg/l, Max.	1	1.5	SPANDS	0.09
14	Arsenic (as As), mg/l, Max.	0.01	0.05	SDDC	BDL
15	Coliform Organisms, MPN/100ml	**	**	H_2S 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



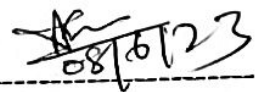
SANITARY CONDITION CERTIFICATE

No. 3094

Date : 08/06/2023

It is certified that an inspection team headed by DR. SUNIL KUMAR
MEDICAL OFFICER, D.T.O OFFICE MOTIHARI (Name of officeres
with designation) from D.T.O OFFICE, MOTIHARI (Name
of Department/Office) inspected the SHANTI NIKETAN JUBILEE SCHOOL
SHANTIPURI, MOTIHARI, EAST CHAMPARAN, BIHAR (Name &
Address of the school) on 20-05-2023 and found that the SHANTI NIKETAN
JUBILEE SCHOOL, SHANTIPURI, MOTIHARI, EAST CHAMPARAN (Name of
School) has 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 ONE YEAR FROM ISSUE

Signature with seal : 

Name : DR. ANJANI KUMAR

Designation : सिविल सर्जन
पूर्व चम्पारण, मोतिहारी
08/06/2023

To

PRINCIPAL

SHANTI NIKETAN JUBILEE SCHOOL

MOTIHARI, EAST CHAMPARAN

(Name & Address of the Institution)