

Appendix-XIII

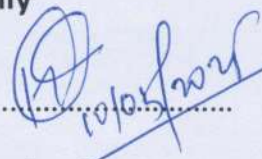
PEROFORMA FOR SAFE DIRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.:- 224

Date:- 10/05/2025

It is certified that an inspection team headed by **Harishankar Kumar, Assistant Engineer From Public Health Sub-division, Samastipur** inspected the **NEW SAMASTIPUR PUBLIC SCHOOL, BISHANPUR, SAMASTIPUR (BIHAR)-848101** on **10.05.2025** and found that the **NEW SAMASTIPUR PUBLIC SCHOOL** has potable drinking water for students and staff of the institution and is having provision for running water in the toilets and maintaining the hygienic sanitation condition in the school building & the campus as per norms prescribed by the Central/State/ U.T Govt.

The above is valid for a period of :-**Four Months Only**

Signature with Seal.....

Name :- **Harishankar Kumar**

Designation :- **Sub Divisional Officer**
P.H. Sub. Division, Samastipur

TO,

PRINCIPAL,
NEW SAMASTIPUR PUBLIC SCHOOL
BISHANPUR, SAMASTIPUR (BIHAR),
PIN-848101

DISTRICT LEVEL WATER QUALITY TESTING LABORATORY (DLWQTL) SAMASTIPUR.**Public Health Engineering Department, Government of Bihar****DRINKING WATER QUALITY TEST CERTIFICATE**

Name of District: Samastipur

Sample Collected By: Not Collected by us

Sampling Date: 09.05.2025

Name of Person/Organization: New
Samastipur Public School

Source Of Sample ;R.O

Sample 96/Sam/May/2025

Sample Reciving Date: 09.05.2025

Location:	New Samastipur Public School,Bishanpur,Ward No-01 , Samastipur.
-----------	---

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	7.01
2	Turbidity, NTU, Max	5	10	Nephelometric	2
3	Conductivity, $\mu\text{mho/cm}$	-	-	Conductivity meter	215
4	Total Dissolved Solid, mg/l, Max.	500	2000	Conductivity meter	140
5	Total Hardness (as CaCO_3), mg/l, Max	300	600	EDTA method	120
6	Calcium (as Ca), mg/l, Max	75	200	EDTA method	17
7	Magnesium (as Mg), mg/l, Max	30	100	EDTA method	12
8	Chloride (as Cl), mg/l, Max.	250	1000	Titration	19.00
9	Alkalinity (as CaCO_3), mg/l, Max.	200	600	Titration	120
10	Iron (as Fe), mg/l, Max.	0.3	1	Phenonthroline	0.31
11	Nitrate (as NO_3), mg/l, Max.	45	No relaxation	UV-method	0.1
12	Sulphate (as SO_4), mg/l, Max.	200	400	Turbidimetric	18.00
13	Fluoride (as F), mg/l, Max.	1	1.5	SPANDS	0.12
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)(Reaffirmed1993), (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

