


SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No.: 543/Lab/PHE BSP

Dated: 25/06/2024

It is certified that an inspection team headed by Satish Tiwari Chemist
 (Name of Officers with designation) from P.H.E. Sub. Div. No. 1 Bilaspur
 (Name of Department/ Office) inspected the **ST. FRANCIS HR. SEC. SCHOOL**, Ameri
 Road, Bilaspur (C.G.) on 19/06/24 (date of inspection) and found that the
ST. FRANCIS HR. SEC. 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 norms prescribed by the Central/ State/ U.T.
 Govt.

The above is valid for a period of **1 Year**


 Assistant Engineer,
 Signature with Seal: P.H.E. Sub-Division No. 1
Bilaspur (C.G.)
 Name: A.P. Vaidya
 Designation: Assistant Engineer
 Assistant Engineer of the Govt. Public Health Department (PHED)
 /Authorised Officer of the Local Body

Name & Address of the Office / Department :

To,
 The Principal
 St. FRANCIS HR. SEC. SCHOOL, Bilaspur (C.G.)
 (Name & Address of the Institution)

District Water Testing Laboratory

Public Health Engineering Department ,
PHE. Central Store Campus, behind Civil Police Station, Bilaspur (C.G.)
Contact as email – bspshedlab@gmail.com

Test Report

Discipline- Chemical Testing	Group- Drinking water	Report no. -4580		
Senders name & address -: Principal , St. Francis Hr.Sec. School Ameri Road Bilaspur (CG)	Senders letter no./Date	19/06/2024	Sampled by	School Staff
	DL receipt no.	4580	DL Receipt date	19/06/2024
	Date of analysis started	19/06/2024	Date of analysis completed	24/06/2024

Sample Details:-


Sr.no.	Sample I.D.	District /Block	City / Village	Location/source no./GPS identification
1	05/24/4580/682	Bilaspur/Bilha	Bilaspur	St. Francis Hr.Sec.School T.W Ameri Road Bilaspur
2	05/24/4580/683	Bilaspur/Bilha	Bilaspur	St.Francis Hr.Sec.School R.O. Water Ameri Road Bilaspur
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-

Details of parameters their test method units and specification as per IS/APHA -

ss.n	Parameters	Test method IS:3025/APHA 23rd ed.		Unit	As per IS- 10500-2012 drinking water		Result				
		Method	Part no.		Desira ble Limit	Permis sible Limit	1	2	3	4	5
1	2	3	4	5	6	7	-	-	-	-	-
1	Turbidity	IS:3025	Part-10	NTU	1	5	0.16	0.02	-	-	-
2	Color	APHA23rd ed	Part-2120B	CU	5	15	2.00	2.00	-	-	-
3	Odour	IS:3025	Part-05		Agr	Agr	Agree able	Agree able	-	-	-
4	Taste	IS:3025	Part-7/8		Agr	Agr	-	-	-	-	-
5	PH @ 25°C	IS:3025	Part-11	PH scale	6.5-8.5	6.5-8.5	7.31	7.01	-	-	-
6	Total Alkalinity as CaCO ₃	APHA23rd ed	Part-2320 B	mg/l.	200	600	277.18	66.36	-	-	-
7	TDS	APHA23rd ed	Part-3540-C	mg/l.	500	2000	491	118	-	-	-
8	Chloride as Cl ⁻	APHA23rd ed	Part- 4500-Cl- B	mg/l.	250	1000	57.01	21.63	-	-	-
9	Total Hardness as CaCO ₃	APHA23rd ed	Part-2340-C	mg/l.	200	600	337.34	92.36	-	-	-
10	Calcium as Ca ⁺⁺	APHA23rd ed	Part-3500-Ca- B	mg/l.	75	200	70.82	20.12	-	-	-
11	Magnesium as Mg ⁺⁺	APHA23rd ed.	3500-Mg-B	mg/l.	30	100	38.6	10.01	-	-	-

- 1 The report should not be produced partly or full without approval signatory authority of legal purpose.
2. It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
- 3 The results refer only to tested samples and parameters.
4. This Lab does not hold any responsibility for verification in results for samples kept on hold for wants of clarification.
5. Samples will be stored for a period of 10 days from date of issue of report.

***** End of Report *****


Chemist

District Water Testing Laboratory
PHED Bilaspur (C.G.)

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District Water Testing Laboratory

Public Health Engineering Department,
PHE. Central Store Campus, behind Civil Police Station, Bilaspur (C.G.)
Contact as email – bspshedlab@gmail.com

Test Report

Kind of sample- Drinking water sample	Group- Drinking water	Report No.- 4580
Senders name & address :- :- Principal, St. Francis Ir.Sec. School Ameri Road Bilaspur (CG)	Senders letter no./Date	19/06/2024
	DL receipt no.	4580
	Date of analysis started	19/06/2024
		Sampled by School Staff
		DL Receipt date 19/06/2024
		Date of analysis completed 24/06/2024

Sample Details:-				Location/source no./GPS identification
Sr.no.	Sample I.D.	District /Block	City / Village	
1	05/24/4580/682	Bilaspur/Bilha	Bilaspur	St. Francis Hr. Sec. School T.W. Ameri Road Bilaspur
2	05/24/4580/683	Bilaspur/Bilha	Bilaspur	St.Francis Hr. Sec. School R.O. Water Ameri Road Bilaspur
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-

Details of parameters their test method units and specification as per IS/APHA :-

s.n.	Parameters	Test method IS:3025/APHA 23rd ed.		Unit	As per IS-10500-2012(second-revision) drinking water		Results				
		Method	Part no.		Desira ble Limit	Permis sible Limit	1	3	4	5	
1	2	3	4	5	6	7	-	-	-	-	-
1	Spe.Conductivity @ 25 °C	IS:3025	Part-14	µS/cm	-	-	791.94	190.32	-	-	-
2	Nitrate as NO ₃	APHA23rd ed	Part-2120B	Mg/l	45	45	-	-	-	-	-
3	Iron as Fe ⁺⁺	APHA23rd ed	Part-05	Mg/l	0.1	0.3	0.2	0.1	-	-	-
4	Fluoride as F ⁻	APHA23rd ed	Part-7/8	Mg/l	1.0	1.5	0.31	0.08	-	-	-
5	Residual Chorine	-	-	Mg/l	0.2	Nil	Nil	Nil	-	-	-
6	Fecal Coliform	H ₂ S (24 hrs/48 hrs)	(24 hrs/48 hrs)	-	Nil	Nil	Nil	Nil	-	-	-
7	Sulphate	IS:3025	Part-24	Mg/l	200	400	-	-	-	-	-

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- It is recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, but still may be tolerated in the absence of an alternative source but up to the limits indicated under the "permissible" limit in the absence of alternate source in column 7 above which the sources will have to be rejected.
- The results refer only to tested samples and parameters.
- This Lab does not hold any responsibility for verification in results for samples kept on hold for wants of clarification.
- Samples will be stored for a period of 10 days from date of issue of report

***** End of Report *****

[Signature]

Chemist
District Water Testing Laboratory
PHED Bilaspur (C.G.)

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