

SAFE DRINKING WATER AND SANITARY CONDITION CERTIFICATE

No. 214/PHED/AE/2024

Dated: 24/02/2024

It is certified that an inspection team headed by Kishore Sahu (Assistant Engineer) from Public Health Engineer Department, Sub Division-Mahasamund (C.G.) inspected the RAMDARSHAN PUBLIC SCHOOL, JANGHORA, SH-19, BAGHBAHRA ROAD, PITHORA on 24/02/2024, checked the water test report submitted by the school and found that the school has potable drinking water for students and staff of the institution and is having provision for running water in the toilets and maintaining 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 One year.

Signature with Seal:

K. Sahu
24/02/2024

Assistant Engineer
Name: Kishore Sahu
P.H.E. Sub Division
MAHASAMUND

Designation: Assistant Engineer
Public Health Engineering Department (PHED)

Name & Address of the Office / Department :

Public Health Engineering Department, (PHED)
Sub Division, Mahasamund (C.G.)

To,

RAMDARSHAN PUBLIC SCHOOL
JANGHORA, SH-19, BAGHBAHRA ROAD,
PITHORA, DIST-MAHASAMUND (CG)



District Water Testing Laboratory
Public Health Engineering Department, Div. Mahasamund
 Near collector office, Behind RTO office, BTI road, Mahasamund (C.G.) Pin Code- 493445
 Phone - 07723-223731 Email ID - eemah-phe-cg@gov.in
 ISO /IEC 17025 -2017 (NABL Accredited Laboratory)

Test Report (Drinking Water)				
Report no. DL/PHED/MAH - 55	Discipline:- Chemical Testing	Group:-Drinking water	U/LR No :- TC12070800000055F	
Senders name & add. प्राचार्य रामदर्शन पब्लिक स्कूल जंघोरा पिथौरा जिला - महासमुंद	Senders letter no./Date	-/24/02/24	Sampled by	Customer
	DL receipt no.	56	Sampling Plan & procedure	Sampling not done by Lab staff
	Date of analysis started	24/02/24	DL Receipt date	24/02/24
			Date of analysis completed	24/02/24
Sample Details				
S. N.	Sample ID	Block	City / Village	Habitation/Location/Source
1	56/2/24/646	Pithora	-	प्राचार्य रामदर्शन पब्लिक स्कूल जंघोरा पिथौरा जिला - महासमुंद
2				
3				
4				
5				
6				

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

S.N	Parameters	Test method IS:3025/APIHA 24th ed.		Unit	As per IS-10500-2012 (Second Revision) Drinking water		Result of S.No							
		Method	Part no.		Acceptable limit	Permissible limit	1	2	3	4	5	6		
1	Chloride as Cl ⁻	APHA :2023	4500-Cl-B	mg/L	250	1000	11.80	-						
2	Total Dissolved solids	APHA : 2023	2540-C	mg/L	500	2000	85	-						
3	Alkalinity as CaCO ₃	APHA : 2023	2320-B	mg/L	200	600	69.39	-						
4	Calcium as Ca ²⁺	APHA : 2023	3500-Ca-B	mg/L	75	200	18.80	-						
5	Magnesium as Mg ²⁺	APHA : 2023	3500 Mg-B	mg/L	30	100	2.97	-						
6	pH	IS:3025 :2022	Part-11	pH scale	6.5-8.5	No relaxation	6.40	-						
7	Turbidity	IS:3025 : 2023	Part-10	NTU	1	5	1.01	-						
8	Total Hardness as CaCO ₃	APHA : 2023	2340-C	mg/L	200	600	59.16	-						
9	Taste	IS:3025 : 2023	Part-8	-	Agreeable	Agreeable	Agr.							
10	Odour	IS:3025 :2018	Part-5	-	Agreeable	Agreeable	Agr.	-						
11	Color	APHA : 2023	2120-B	Hazen	5	15	3	-						

- The report should not be produced partly or full without approval signatory authority of legal purpose.
- The results refer only to tested samples and parameters.
- Samples will be stored for a period of 10 days from date of issue of report.
- This Lab does not hold any responsibility for variation in results for samples kept on hold for wants of clarification.
- Agreeable is denoted by Agr.

Note - 1. Results apply to the sample as received.

2.The Laboratory does not give interpretation on Test result Passed/ Failed.

Report Reviewed & approved by


 (Ajay Kumar Prajapati)
 Authorized Signatory


District Water Testing Laboratory
Public Health Engineering Department, Div. Mahasamund
Near collector office, Behind RTO office, BTI road, Mahasamund (C.G.) Pin Code-493445
Phone – 07723-223731 Email ID -eemah-phe-cg@gov.in

Test Report (Drinking Water)				
Report no. DL/PHED/MAH – 55	Group: Drinking water			
Senders name & address: प्राचार्य रामदर्शन पब्लिक स्कूल जंघोरा पिथौरा जिला – महासमुंद	Senders letter no./Date	-24/02/24	Sampled by	Customer
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Sample Details				
S.N	Sample ID	Block	City / Village	Habitation/Location/Source
1	56/24/646	Pithora	-	प्राचार्य रामदर्शन पब्लिक स्कूल जंघोरा पिथौरा जिला – महासमुंद
2				
3				
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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		Result of S.No					
		Method	Part no.		Acceptable limit	Permissible limit	1	2	3	4	5	6
1	2	3	4	5	6	7						
12	Fluoride as F ⁻	APHA :2017	4500-F-C	mg/l.	1	1.5	0.26					
13	Residual Chlorine	-	-	mg/l.	0.2	1	0.00	-	-	-	-	-
14	Sulphate as SO ₄ ²⁻	IS:3025	Part- 24	mg/l.	200	400	6.93					
15	Nitrate as NO ₃	APHA :2017	4500-NO ₃ -B	mg/l.	45	45	8.33					
16	Total coliform	APHA :2017	9222-J	CFU/100 ml	Nil	Nil	Nil	-	-	-	-	-

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CHEMIST
Water Testing Laboratory
P.H.E Sub Div, Mahasamund (C.G.)