



**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	ULR 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/APHA

S.N	Parameters	Test method IS:3025/APHA 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	2	3	4	5	6	7									
1	Chloride as Cl <sup>-</sup>	APHA :2023	4500-C1-B	mg/L	250	1000	11.80	-							
2	Total Dissolved solids	APHA : 2023	2540-C	mg/L	500	2000	85	-							
3	Alkalinity as CaCO <sub>3</sub>	APHA : 2023	2320-B	mg/L	200	600	69.39	-							
4	Calcium as Ca <sup>2+</sup>	APHA : 2023	3500-Ca-B	mg/L	75	200	18.80	-							
5	Magnesium as Mg <sup>2+</sup>	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 <sub>3</sub>	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

Lab.Issue no...55.....Issue Date.....26/02/2024.....Page no...1.....of...2.....


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S.N	Sample ID	Block	City / Village	Habitation/Location/Source
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2				
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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 <sup>-</sup>	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 <sub>4</sub> <sup>2-</sup>	IS:3025	Part- 24	mg/l.	200	400	6.93					
15	Nitrate as NO <sub>3</sub>	APHA :2017	4500-NO <sub>3</sub> -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.)