

Sub Divisional Level Water Testing Laboratory
Public Health Engineering Department
P.H.E.D Sausar

Name of Sample:-		Drinking water sample/other		Result of Sample		Sample Code No:-	
Senders name and address:- No. <u>804</u> Ac/Phe/Subdn/Sausar <u>2/9/24</u>		Sender's Letter No		Not Sampled collected by SDWTL SAR		Sender's Letter Date	
		Date of collection		28-08-2024		SDWTL SAR Receive Date	
		Date of analysis Started -		29-08-2024		Date of analysis completed	
				Sample collected by- <u>Jagdish Khodse 7999232809</u>			

No	Block	Gram panchayat	Village	Habitation	Location
1	Sausar	Jam	Jam		Skyline school Jam (Source-Dugwell)
2					
3					
4					
5					
6					
7					
8					
9					
10					

Details of parameters , their test methods ,units and specifications as per BIS															
S.No	Parameters	Test Method	Unit	As per BIS 10500 : 2012 for Drinking Water		Sample No									
				Require ment (Desirabl e limit	Permissi ble limit in the absence of alternate source	Test Result's									
1	2	3	4	5	6	1	2	3	4	5	6	7	8	9	10
1	Turbidity	As per IS 3025 part 10	NTU	1	5	4.0									
2	pH	As per IS 3025 part 11	pH Scale	6.5 -8.5	6.5 -8.5	7.75									
3	Odour	As per IS 3025 Part 5	Agreeable	Agreeable	Agreeable	Agreeable									
4	Taste	As per IS 3025 Part 7 and 8	Agreeable	Agreeable	Agreeable	Agreeable									
5	Total Alkalinity as CaCO3	As per IS 3025 part 23	Mg/l	200	600	150									
6	Chloride as Cl Mg/l	As per IS 3025 part 32	Mg/l	250	1000	25.0									
7	Total Hardness as CaCO3 Mg/l	As per IS 3025 part 21	Mg/l	200	600	250									
8	Calcium as Ca++ Mg/l	As per IS 3025 part 40	Mg/l	75	200	56.0									
9	Magnesium as Mg++ Mg/l	As per IS 3025 part 46	Mg/l	30	100	27.5									
10	Nitrate as No3	As per IS 3025 part 34	Mg/l	45	45	12.1									
11	Fluoride Mg/l	By Ion Meter	Mg/l	1	1.5	0.62									
12	Total Dissolved Solids Mg/l	By Meter	Mg/l	500	2000	165.6									
13	Iron as Fe	As per IS 3025 part 53	Mg/l	1	1	0.08									
14	Maganese as Mn Mg/l	Alpha 22nd edition 3500-Mn-D	Mg/l	0.1	0.3	-									
15	Sulphate as SO4 Mg/l	As per BIS 3025 part 23	Mg/l	200	400	23.0									
16	Arsenic Mg/l	By kit	Mg/l	0.01	0.05	-									
17	Fecal Coliform per (TTC)Per 100 ml	Standard Method 1992	per 100 MI	NIL		-									
18	Total Coliform per Per 100 ml	Standard Method 1992	per 100 MI	Nil for treated water and water in distribution		-									

1 This report should not be produced partly or full without approval of signatory authority legal purposes.
 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 indicate under the "permissible limit in the absence of alternate source "in coloumn6, above which the sources will have to be reject .
 3 The result refer only tested samples and parameters tested.
 4 This lab does not hold hold any responsibility for variation in results for samples kept on hold for want of clarification .
 Remark : Sample not collected by Laboratory staff
 Copy to - 1 Executive Engineer P.H.E .Division Chhindwara for information please.

[Signature]
Chemist
PHE sub division
Sausar

[Signature]
Assistant Engineer
PHE sub division
Sausar

[Signature]
Secretary
Progressive Education
and
Social Welfare Societ



PRINCIPAL