



District Water Testing Laboratory, (DWTL) Public Health Engineering Department. Sehore (M.P)

Near New Bus Stand Parvati colony Sehore, Pin – 466001

Email- eephseh@nic.in

ANALYSIS REPORT

Type Of sample :- Drinking Water

CUSTOMER NAME :- Principal Swami Vivekanand Adarsh Vidhyalaya Bilkisganj sehore

Ref. No. _____ Date. _____

PARTICULARS OF SAMPLE :- Collected / Not Collected by PHED

Sample No.	Name of Place	Sample Qty	Sample Packing	Location	Block	Source
1.	Swami Vivekanand Adarsh Vidhyalaya Bilkisganj	OK	Acceptable/ Not acceptable	T.W. Water	Sehore	T.w
2.		OK	Acceptable/ Not acceptable			
3.		OK	Acceptable/ Not acceptable			
4.		OK	Acceptable/ Not acceptable			
5.		OK	Acceptable/ Not acceptable			

PARTICULARS TO BE FILLED IN THE LABORATORY

Date of Receipt :- 12/02/2023

Time of Receipt :-

Date of Analysis Started :- 14/02/2023

Date of Analysis Completed :-

Lab reference Letter M.R.No.

M.R. Date.

Tested on.

NATURE OF STUDY – CHEMICAL ANALYSIS

No	Characteristics	Test Method		Unit	AS Per BIS - 10500:2012 & Amendment sep.2018		Results					
					Requirement (Desirable limit)	Permissible limit in the absence of Alternate source	1	2	3	4	5	
1	Total Hardness as CaCO ₃	IS 3025 RA 2019	Part 21	Mg/l	200	600	201.7					
2	Calcium as Ca	IS 3025 RA 2019	Part 40	Mg/l	75	200	50.4					
3	Magnesium as Mg	IS 3025 RA 2019	Part 46	Mg/l	30	100	18.14					
4	Total Alkalinity as CaCO ₃	IS 3025 RA 2019	Part 23	Mg/l	200	600	184					
5	Chloride as Cl	IS 3025 RA 2019	Part 32	Mg/l	250	1000	73.8					
6	pH	IS 3025 RA 2017	Part 11	pH scale	6.5 - 8.5	6.5 - 8.5	7.69					
7	Turbidity	IS 3025 RA 2017	Part110	NTU	1	5	2.1					
8	Fluoride	IS 3025 RA 2013	Part 60	Mg/l	1.0	1.5	0.513					
9	Colour	IS 3025 RA 2017	Part 4	Hazen	5	15	00					

Note:- 1. This report should not be produced partly of full without approval of signatory authority for legal purposes.

2. This recommended that acceptable limit is to be implemented. Values in excess of those mentioned under "acceptable" render the water not suitable, 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" above which the source will have to be rejected.

3. The results refer only to tested samples and parameters tested.

4. Sample will be stored for a period of 10 days from the date of issue of report.

5. This Lab does not hold any responsibility for variation in results for samples kept on hold for want of Clarification.


Quality / Technical manager

h District Water Testing Laboratory, (DWTL) Public Health Engineering Department, Sehore (M.P)
Near New Bus Stand Parvati colony Sehore, Pin – 466001 Email- eephseh@nic.in

Test Report

Nature Of sample;- Drinking Water/Other	Not sampled by District Water Testing Lab		Unique Identification No	10/02/2024
To. Principal Principal Swami Vivekanand Adharsh Vidhyalaya Bilkisganj	Sender's Letter no.	2151	Sender's letter Date	10/02/2024
	DWTL Ref. No	103	DWTL receipt date	12/02/2024
	Date of analysis started	12/02/2024	Date of analysis Completed	12/02/2024
	Quantity Of sample	1 Litter		

Sample details

NO.	Particulars of Samples
1.	T.W. Water - Principal Swami Vivekanand Adharsh Vidhyalaya Bilkisganj
2.	
3.	
4.	
5.	

Details Of Parameters, their test methods, units and specifications as per BIS

NO.	Chracterisstic s,	Unit	test methods		BIS 10500:2012 Reaffirmed in sep.2018		RESULTS							
					Desirabl e Limit	Permissible Limit	1	2	3	4	5			
1	Temperature in	degree C					24.3							
2	Odour	-	BIS 3025	Part 5	Unobjec tion able	objection able	NIL							
3	Nitrate as NO ₃	mg/l	BIS 3025	Part 34	45	45	20.5							
4	Sulphate as SO ₄	mg/l	BIS 3025	Part 24	200	400	50.12							
5	Conductivity By Meter	Micromhos/cm	BIS 3025	Part 14			-							
6	Mangnese as	mg/l	BIS 3025	Part 59			-							
7	TDS	mg/l	BIS 3025	Part 16	500	2000	540							
8	Phenophthalein Alkalinity as CaCO ₃	mg/l					-							
9	Residual Chlorine as Cl ₂	mg/l					-							
10	Fecal Coliform (TTC)	Pre 100 ml					-							
11	Total coliform	Pre 100 ml	NIL FOR TREATED WATER AND WATER IN DISTRIBUTION SYSTEM											

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Quality / Technical manager
Signatory Authority