

OFFICE OF THE EXECUTIVE ENGINEER P.H.E.D. SINGRAULI (M.P.)

No. 1013 / TS./EE/PHE/DN/SINGRAULI/2024

Date: 15/4/2024

Ref: DAV WDN/2024-25/

CERTIFICATE

This is to certify that DAV Public School, Waidhan, Singrauli (M.P.) 486886 situated near Masjid road Ward No.40. It is under P.H.E. Department, Singrauli (M.P.)

We have examined the Water and found Potable for Drinking All Health and Sanitary conditions are found under Permissible Limit.

This certificate is being issued to the School for CBSE, New Delhi for extension of Affiliation for Secondary.



Executive Engineer

PHE Division Singrauli MP

DISTRICT WATER TESTING LABORATORY

Office of the Assistant Engineer, Public Health Engineering Sub Division, Waidhan (M.P.)

ANALYSIS REPORT

Type of Sample:	:	Tubewell	DATE :	10-04-2024
Particular of Sender.	:	D.A.V. Public School Waidhan	DATE :	10-04-2024
Particular of Sample	:	Drinking Water Cooler		
Sample No.	Place of collection and details of Sample			Date
	D.A.V. Public School Waidhan CBSE Aff No 1030613			

PARTICULARS TO BE FILLED THE LABORATORY

Date of Receipt : 10/04/2024 Time of Receipt : 2:30

S. No.	Characteristics	Unit	As Per BIS-10500:2012 For Drinking Water		Results
			Requirement (Desirable Limit)	Requirement (Permissible Limit in the absence of Alternate Source)	

PHYSICAL TEST

					1	2	3	4
1	Temperature	0C						
2	Turbidity	NTU	1.00	5.00	1.00	—	—	—
3	Colour	Hazan Units	5.00	15.00	—	—	—	—
4	Odour	—	Unobjectionable	Objectionable	Unobeject.	—	—	—

CHEMICAL TEST

5	pH	p H scale	6.5 To 8.5	No Relaxation	8.20	—	—	—
6	Total Hardness as CaCO3	mg/l	200	600	300.00	—	—	—
7	Calcium as Ca	mg/l	75	200	84.00	—	—	—
8	Magnesium as Mg	mg/l	30	100	—	—	—	—
9	Total Alkalinity as CaCa3	mg/l	200	600	200.00	—	—	—
10	Chloride as Cl	mg/l	250	1000	100.00	—	—	—
11	Nitrate as NO3	mg/l	45	45	2.00	—	—	—
12	Total Disolved Solids	mg/l	500	2000	550.00	—	—	—
13	Iron	mg/l	0.3	1.0	0.00	—	—	—
14	Sulphate	mg/l	200	400	-	—	—	—
15	Fluoride as F	mg/l	1.0	1.5	0.30	—	—	—
16	Manganese as Mn	mg/l	0.1	0.3	—	—	—	—
17	Arsenic	mg/l	0.01	0.01	—	—	—	—
18	Residual Chlorine as Cl2	mg/l	0.2	1.0	0.10	—	—	—

BACTERIOLOGICAL TEST

19	MPN of Coliform	Per 100ML	Nil	Nil		—	—	—
20	Faecal Coliform	Per 100ML	Nil	Nil		—	—	—

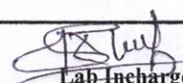
Notes:-*The figure indicated under the coloumn "**Requirement (Desirable Limit)**" the limits up to which water is generally acceptable to the consumers. Figures in excess of those mentioned under "**Requirement (Desirable Limit)**" the water not acceptable, but still may be tolerated in the absence of an alternative and better source but upto the limits indicated under column "**Permissible Limit in the absence of an alternative Source**" above which the source will have to be rejected (Guideline values for drinking Water as per **BIS-10500:2012**).

In All water intended for drinking E.Coli or thermo tolerant coliform bacteria and Total Coliform bacteria must not be detectable in any 100ml sample.

Treated water entering in/in distribution system E.Coli or thermo tolrant coliform bacteria &Total coliform bacteria must not be detecable in any 100 ml sample. In case of large supplies, where sufficient sample are examined,must not be present 95%of sample taken through out any 12 month period.

- Note :**
1. Sample is not collected by us.
 2. Not to be produced at court of law .
 3. We do not take any responsibility for deviation in test result due to wrong collection of sample .
 4. Analysis Report Valid upto one year from the date of issuing .

Remarks if any :
Signature of Analyst: 


Lab Incharge
(Authorised Signature)

District Laboratory
Public Health Engineering Deptt. Singrauli
Issued By

DISTRICT WATER TESTING LABORATORY

Office of the Assistant Engineer, Public Health Engineering Sub Division, Waidhan (M.P.)

ANALYSIS REPORT

Type of Sample:	Tubewell	DATE: 10/4/2024
Particular of Sender.	D.A.V. Public School Waidhan	DATE:
Particular of Sample	: Drinking water cooler	
Sample No.	Place of collection and details of Sample	Date
	DAV Public School Waidhan CBSE - Aff No. 1030613	Type

2/10/2024
Pacheco
DAV

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Date of Receipt : 10/4/24 Time of Receipt :

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			Requirement (Desirable Limit)	Requirement (Permissible Limit in the absence of Alternate Source)	1	2	3	4
PHYSICAL TEST					1	2	3	4
1	Temperature	°C						
2	Turbidity	NTU	1.00	5.00	1.00			
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4	Odour		Unobjectionable	Objectionable	Unobjectionable			

CHEMICAL TEST					1	2	3	4
5	pH	p H scale	6.5 To 8.5	No Relaxation	8.20			
6	Total Hardness as CaCO ₃	mg/l	200	600	300.00			
7	Calcium as Ca	mg/l	75	200	84			
8	Magnesium as Mg	mg/l	30	100				
9	Total Alkalinity as CaCO ₃	mg/l	200	600	200.00			
10	Chloride as Cl	mg/l	250	1000	100.00			
11	Nitrate as NO ₃	mg/l	45	45	2.00			
12	Total Dissolved Solids	mg/l	500	2000	550			
13	Iron	mg/l	0.3	1.0	0.00			
14	Sulphate	mg/l	200	400				
15	Fluoride as F	mg/l	1.0	1.5	0.30			
16	Manganese as Mn	mg/l	0.1	0.3				
17	Arsenic	mg/l	0.01	0.01				
18	Residual Chlorine as Cl ₂	mg/l	0.2	1.0	0.10			

BACTERIOLOGICAL TEST					1	2	3	4
19	MPN of Coliform	Per 100ML	Nil	Nil				
20	Faecal Coliform	Per 100ML	Nil	Nil				

Notes:-*The figure indicated under the column "Requirement (Desirable Limit)" the limits up to which water is generally acceptable to the consumers. Figures in excess of those mentioned under "Requirement (Desirable Limit)" the water not acceptable, but still may be tolerated in the absence of an alternative and better source but upto the limits indicated under column "Permissible Limit in the absence of an alternative Source" above which the source will have to be rejected (Guideline values for drinking Water as per BIS-10500:2012).

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Remarks if any :
Signature of Analyst-----

Lab Incharge
(Authorised Signature)
District Laboratory
Public Health Engineering Deptt. Singrauli
Issued By