



NAGAR PALIKA PARISHAD BHARWARI KAUSHAMBI

CHEMICAL ANALYSIS OF WATER

Test Report

Sl. No.

1. Source of Sample

Kaushambi Public School Kasiya Kaushambi

2. Date of Sampling

27/05/2025

3. Date of Analysis

27/05/2025

Physico Chemical Parameter	BIS Limit 10500 : 1991		Result of Test
	Requirement (Desirable Limit) mg/l	Permissible Limit in the absence of Allm. Source mg/l	
4. Total Dissolved solids	500	2000	438
5. Free and saline Ammonia	NS	NS	Nil
6. Albuminoid ammonia	NS	NS	Nil
7. Dissolved Oxygen	Min 5.0	NS	-
8. Hardness Total as CaCO ₃	300	600	287
(a) Temporary as CaCO ₃	NS	NS	144
(b) Permanent as CaCO ₃	NS	NS	144
9. Chlorine as Chlorides Cl	250	1000	90
10. Total Alkalinity as CaCO ₃	200	600	40
11. Nitrates as NO ₂	NS	NS	Nil
12. Nitrates as NO ₃	45	100	Nil
13. Iron as Fe	0.3	1.0	0.1
14. Fluoride as F	1.0	1.5	0.6
15. Colour Hazen Unit	5	25	Colourless
16. Taste	Agreeable		Not tasted
17. Odour	Unobjectionable		Colourless
18. pH Value	6.5 to 8.5 No reaction		7.2
19. Conductivity as mhos at 20°C	NS	NS	61.8
20. Turbidity NTU	5	10	1
21. Free Residual Chlorine	0.2	NS	Nil

NS=Not Specified

Kaushambi

Remarks

Chemist

Chief Chemist

Executive Officer

End No.



NAGAR PALIKA PARISHAD BHARWARI KAUSHAMBI

Result of the bacteriological examination of the Water taken from Kaushambi Public School

Name & Designation of the person collecting the sample Mr. Mahendra Kumar Chemist

S.No.	Date & time of collection	Date of receipt and inoculation	Source of Sample	Colony Count on agar plate in 1 ml.		Presumptive coliform count			Portable No of coliform organism in 100 ml. of original water	Free residual chlorine mg/l	remarks	
				At 37°C in 48 hours	At room Temp. in 72 hours	Quantity of water put up in each tube/No. of tubes put up	50 ml	10 ml				1 ml
							1	5				5
						No. of tube showing Positive reaction						
	27/05/2025	27/05/2025					0	0	0	0	Nil	Excellent

Water Sample
Kaushambi Public School
Widlonpur Kasiya Kaushambi

Chemist

Chief Chemist

अधिकारी जयवन्तरी
नगरपालिका परिषद
Executive Officer