



**Government of Maharashtra**  
Water Resources Department

**Hydrology Project Division, Nagpur,**  
Water Quality Lab Level-II, Nagpur.

R. No. RQ91/5633

Jal Vidnyan Bhavan, Wainganga Nagar, Ajni Nagpur - 440003.

**AN ISO 9001 : 2015 CERTIFIED LABORATORY**

<b>No.</b> 16	W.Q.LAB LEVEL-II/NAG/2024	<b>Date:</b> 11/01/2024
<b>Sample Analysis Report</b>		
<b>Name and Address of Client:</b> ST. PAUL SCHOOL Near Bridge, Hudkeshwar, Nagpur.440034	<b>Date of Sampling</b>	08/01/2024
	<b>Sample Collected by</b>	Client
	<b>Date of Sample receipt in Lab</b>	08/01/2024
	<b>Sample I.D. Number</b>	DW/2401/009
<b>Reference</b>	Your letter dated: 08/01/2024	
<b>Sample Description</b>	R.O. Water Sample	

Sr. No.	Characteristic (Parameter)	Unit	Analysis Result	DRINKING WATER - SPECIFICATION	
				Requirement (Acceptable Limit)	Permissible Limit in the Absence of Alternate Source
1	Colour	Hazen unit	<1	5 Max	15 Max
2	Odour	--	Agreeable	Agreeable	Agreeable
3	pH	--	7.4	6.5 To 8.5	No relaxation
4	Turbidity	NTU	0.1	1 Max	5 Max
5	Total Dissolved Solids	mg/L	92	500 Max	2000 Max
6	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	54	200 Max	600 Max
7	Chloride (as Cl)	mg/L	8.0	250 Max	1000 Max
8	Total Hardness (as CaCO <sub>3</sub> )	mg/L	56	200 Max	600 Max
9	Calcium (as Ca)	mg/L	14.4	75 Max	200 Max
10	Magnesium (as Mg)	mg/L	4.9	30 Max	100 Max
11	Fluoride (as F)	mg/L	0.06	1.0 Max	1.5 Max
12	Sulphate (as SO <sub>4</sub> )	mg/L	3.2	200 Max	400 Max
13	Nitrate (as NO <sub>3</sub> )	mg/L	0.74	45 Max	No relaxation
14	Iron (as Fe)	mg/L	0.04	0.3 Max	No relaxation
15	Total colliforms	MPN/100ml	Absent	Shall not be detectable in any 100 ml sample	
16	Faecal colliforms	MPN/100ml	Absent	Shall not be detectable in any 100 ml sample	

-----End of Report-----



*(Signature)*  
**Government Analyst**  
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Hydrology Project, Jalvignān Bhavan,  
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NAGPUR

*(Signature)*  
**PRINCIPAL**  
ST. PAUL SCHOOL,  
HUDKESHWAR, NAGPUR (M.S.)

*(Signature)*  
**ST. PAUL SCHOOL**  
HUDKESHWAR NAGPUR