



OFFICE OF THE EXECUTIVE ENGINEER  
CONSTRUCTION DIVISION U.P. JAL NIGAM AURAIYA

DISTRICT WATER TESTING LABORATORY, MIHOLI AURAIYA

ANALYSIS REPORT OF WATER

Sample received from : Nareesh Singh  
Source of Sample : Submersible pump  
Date of sampling : 01/02/2024  
Date of obtaining sample : 01/02/2024  
Date of analysis : 04/02/2024

Location of source : ERA'S INTERNATIONAL SCHOOL  
Village/Hamlet/Town : KAKOR  
Block : AURAIYA  
Tehsil : AURAIYA

Sl No	Parameter	Unit	Test Result	Limits as per CPHEEO Manual	
				Acceptable limit up to Mg/l.	Causes of Rejection more Than Mg/L.
1	2	3	4	5	6
<b>(A) Chemical Examination</b>					
1	Total dissolved solids	Mg / L	480	500	2000
2	Chloride (Cl)	Mg / L	100	200	1000
3	Total Hardness (CaCO <sub>3</sub> )	Mg / L	350	200	600
	Alkalinity (CaCO <sub>3</sub> )				600
4	(a) Phenolphthalein	Mg / L	-		
	(b) Methyl Orange	Mg / L	80		
5	Non Carbobate Hardness (3-4)	Mg / L	-		
6	Nitrate (NO <sub>3</sub> )	Mg / L	15	< 45	< 45
7	Fluorides (F)	Mg / L	1.2	1.0	1.5
8	Sulphates (SO <sub>4</sub> )	Mg / L	-	200	400
9	Iron (Fe)	Mg / L	0	0.1	1.0
10	Residual Chlorine (Minimum)	Mg / L	-	0.2	1.00
11	Conductivity at R.T.		-	1000	4000
12					
13					
14					
<b>(B) Physical Examination</b>					
1	Colour		NON	5	25
2	Odour		NON	Unobjectionable	Unobjectionable
3	Taste		NON	Unobjectionable	Unobjectionable
4	Ph		7.5	7.0 to 8.5	6.5 to 9.2
5	Turbidity	N.T.U.	0.4	5	10

Remark:

Bacteria is Negative hence water is Portable

Chemist

Junior Engineer

Counter Signed

Assistant Engineer

Principal  
Era's International Public  
School Umarsana, Auraiya

Assistant Engineer  
Era's International Public  
School Umarsana, Auraiya