



कार्यालय महाप्रबन्धक
जलकल विभाग--नगर निगम
प्रयागराज

पत्र संख्या 627/म.प्र.ज.वि. 2022
दिनांक 18-6-2022

PRAYAGRAJ JAL KAL VIBHAG LABORATORY

CHEMICAL ANALYSIS OF WATER

Test Report

Sl. NO

1. Source of sample – water sample Jagat Taran Golden Jubilee School 46/36- B A.N. Jha Marg, Gedge Town, Prayagraj
2. Date of Sampling 13-06-2022 Received
3. Date of Analysis 13-06-2022

Physico Chemical Parameter	BIS Limits IS 10500 : 2012		Result of test
	Requirement (Desirable Limit) Mg/l	Permissible limit In the absence of Alternate source Mg/l	
4. Total Dissolved solids	500	2000	413
5. Hardness Total as CaCO ₃	200	600	200
6. Hardness Temporary as CaCO ₃	NS	NS	100
7. Hardness Permanent as CaCO ₃	NS	NS	100
8. Chlorine as Chlorides Cl	250	1000	90
9. Total Alkalinity as CaCO ₃	200	600	45
10. Nitrites as NO ₂	NS	NS	Nil
11. Iron as Fe	0.3	No relaxation	Nil
12. Fluoride as F	1.0	1.5	0.6
13. Colour Hazen Unit	5	15	Colourless
14. Taste	Agreeable	Agreeable	Satisfactory
15. Odour	Agreeable	Agreeable	Odourless
16. pH Value	6.5 to 8.5	No relaxation	7.2
17. Conductivity as μ moh at 20°C	NS	NS	590
18. Turbidity NTU	1	5	1
19. Free Residual Chlorine	0.2	NS	Nil
NS=Not Specified			

Remarks

Potable

Chemist

Copy forwarded for information to

- 1 The addl. Director, State Health Institute, Sector-C, Chetan Bihar, Aliganj, Lucknow, U.P.
- 2 Chief Medical Officer, Prayagraj.
- 3 Mukhya Nagar Swasthya Adhikari, Nagar Nigam. Prayagraj.
- 4 Nagar Ayukta, Nigar Nigam, Prayagraj.
- 5 The Suprintending Engineer (R&D) office of Addl. Chief Engineer (PPR&D),U.P. Jal Nigam, 6 Rana Pratap marg,Lucknow.
- 6 Chairman, jalkal Vibhag\Mayor, Nigam, Prayagraj.

अधिसायी एन्गि (HQ) (मुख्यालय)
जलकल विभाग, नगर निगम
प्रयागराज

EX. Engg.(HQ)