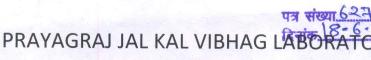
कार्यात्त्य महाप्र**तन्त्रकं** जलकल विभाग-नगर निगम प्रयागराज

म.प्र.ज. १३०



CHEMICAL ANALYSIS OF WATER

Test Report

SI. NO

- 1. Source of sample water sample Jagat Taran Golden Jubilee School 46/36- B A.N. Jha Marg, Geoge 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 | | |
|----------------------------|---|--|---|----------------|
| | | Requirement (Desirable Limit) Mg/I | Permissible limit In the absence of Alternate source Mg/I | Result of test |
| 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 CaCO₃ | 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 µmosh 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

अधिशाषी अधिका(माव)(मुख्यालव

बलकल विभाग, नगर निगम

प्रयागराज

an

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.
- 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.

EX. Engg.(HQ)