



कार्यालय महाप्रबन्धक
जलकल विभाग-नगर निगम
प्रयागराज
प्र.सं.सं. 577/म.प्र.ज.न.न. (प्र.सं.)
दिनांक 04-06-2022

PRAYAGRAJ JAL KAL VIBHAG LABORATORY

CHEMICAL ANALYSIS OF WATER

Test Report

SI. No.	
1.	Source of Sample <i>Water Sample, Allahabad public school 2716 Subedarganj</i>
2.	Date of Sampling <i>30-5-2022</i> <i>Received</i> <i>Champhatka Prayagraj</i>
3.	Date of Analysis <i>30-5-2022</i> <i>from</i> <i>Chairman, A.P.S. Prayagraj</i>

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	379
5. Hardness Total as CaCO ₃	200	600	200
(a) Temporary Hardness as CaCO ₃	NS	NS	100
(b) Permanent Hardness as CaCO ₃	NS	NS	100
6. Chlorine as Chlorides Cl	250	1000	105
7. Total Alkalinity as CaCO ₃	200	600	53
8. Nitrites as NO ₂	NS	NS	Nil
9. Nitrates as NO ₂	45	No relaxation	-
10. Iron as Fe	0.3	No relaxation	0.1
11. Fluoride as F	1.0	1.5	0.6
12. Colour Hazen Unit	5	15	Colourless
13. Taste	Agreeable		Not tasted
14. Odour	Agreeable		Odourless
15. pH Value	6.5 to 8.5	No relaxation	7.8
16. Conductivity as μ mhos at 20°C	NS	NS	556
17. Turbidity NTU	1	5	1.2
18. Free Residual Chlorine	0.2	NS	Nil

Remarks

Palatable

[Signature]
Chemist

End No.

/JK/ *AELMO*

[Signature]
Ex. Engg. (HQ)
अधिसायी अभियन्ता (मुख्यालय)
जलकल विभाग, नगर निगम
प्रयागराज
Dated: 20

Copy forwarded for information to :

1. The Addl. Director, State Health Institute, Sector-C, Chetan Vihar, Aliganj, Lucknow, U.P.
2. Chief Medical Officer, Prayagraj.
3. Mukhya Nagar Swasthya Adhikari, Nagar Nigam, Prayagraj.
4. Nagar Ayukta, Nagar Nigam, Prayagraj.
5. The superintending Engineer (R & D), Office of Addl. Chief Engineer (PPR & D), U.P. Jal Nigam, 6 Rana Pratap Marg, Lucknow.
6. Chairman, Jal Kal Vibhag/Mayor, Nagar Nigam, Prayagraj.

[Signature]
Ex. Engg. (HQ)

ALLAHABAD JAL KAL VIBHAG LABORATORY

कार्यालय महाप्रबन्धक
जलकल विभाग-नगर निगम
प्रयागराज

Result of the Bacteriological examination of the Water taken from Water Sample
Name & Designation of the person collecting the sample P. Chauraman

पत्र संख्या 553 / म.प्र. ज.प. व. १०
दिनांक ०६-०६-२०१२

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			Probable No. of coliform organism in 100 ml. of original water	Free residual chlorine mg/l	Remarks
				At 37°C in 48 hours	At room temperature in 72 hours	Quantity of water put up in each tube/No. of tubes put up	50 ml.	10 ml.			

16/2022 16/2022 Water Sample
Allahabad public
School, 22/16
Subedar ganj
Chay phatka
Prayagraj.

0 0 0 0 0 0 0 0 0 Nil Excellent


Chemist


Ex. Engineer

 AECHO

Ex. Engineer (HQ)
अधिराजी अभियन्ता (P.I.O.)
जलकल विभाग, नगर निगम
प्रयागराज