



ALLAHABAD JAL KAL VIBHAG LABORATORY

CHEMICAL ANALYSIS OF WATER

Test Report

कार्यालय नगरपालिका
जलकल विभाग-नगर निगम

Sl. No

1. Source of Sample *Water Sample, Hely child school, Prasad pur, Hajipur, 7826*
2. Date of Sampling *4-2-2020*
3. Date of Analysis *4-2-2020*

Physico Chemical Parameter	BIS Limit IS 10500 : 1991		Result of Test
	Requirement (Desirable Limit) mg/l	Permissible limit in the absence of alternate source mg/l	
4. Total Dissolved solids	500	500	306
5. Free and saline Ammonia	NS	NS	—
6. Albuminoid ammonia	NS	NS	—
7. Dissolved Oxygen	min 5.0	NS	—
8. Hardness Total as CaCO ₃	300	600	200
(a) Temporary as CaCO ₃	NS	NS	100
(b) Permanent as CaCO ₃	NS	NS	100
9. Chlorine as Chlorides Cl	250	1000	115
10. Total Alkalinity as CaCO ₃	200	600	102
11. Nitrites as NO ₂	NS	NS	Nil
12. Nitrates as NO ₃	45	100	Nil
13. Iron as Fe	0.3	1.0	0.1
14. Fluoride as F	1.0	1.5	0.6
15. Colour Hazen Unit	5	25	colourless
16. Taste	Agreeable		Not tasted
17. Odour	Unobjectionable		Odourless
18. pH Value	6.5 to 8.5		7.2
19. Conductivity as μ mhos at 20°C	NS	NS	437
20. Turbidity NTU	5	10	1.2
21. Free Residual Chlorine	0.2	NS	Nil

Remarks *Potable*

[Signature]
Chemist

Chief Chemist

[Signature]
Ex. Engg. (HQ)

End. No.

I.J.KI

Dated : *4-2-2020*
जलकल विभाग
नगर निगम-प्रयाग

Copy forwarded for information to :

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

Ex. Engg. (HQ)


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Result of the Bacteriological examination of the Water taken from Water Sample
 Name & Designation of the person collecting the sample Mr. Ram Chandra & Manager

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
4-2-2020	4-2-2020		Water Sample Holy child pulber school campus Rasad pur, Hajigay Rajgongay	—	—	0	1	0	1	Nil Satisfactory


 Chemist

Chief Chemist


 Ex. Engineer (TQ)
 अतिरिक्त अभियंता (TQ)
 जनक विभाग
 नगर निगम-आगरा