



कार्यालय महाप्रबन्धक
जलकाल विभाग, नगर निगम
प्रयागराज

PRAYAGRAJ, JALKAL VIBHAG LABORATORY

CHEMICAL ANALYSIS OF WATER

Test Report

पत्र संख्या: 422 / म.प्र.ज.का.नि.ग.
दिनांक: 21-05-2022

SI.NO.

- 1 Source of Sample *एलपी० कॉन्वेंट इन्टर कॉलेज चक मुंडेरा प्रयागराज*
- 2 Date of Samling *20-5-2022*
- 3 Date of Analysis *20-5-2022*

Physico Chemical Parameter	BIS Limit IS 10500: 2012		Result of Test
	Requirement (Desirable Limit) (mg/l)	Permissible limit in the absence alternate source (mg/l)	
4 Total Dissolved solids	500	2000	396
5 Hardness Total as CaCO ₃	200	600	188
6 Hardness Temporary as CaCO ₃	NS	NS	94
7 Hardness Permanent as CaCO ₃	NS	NS	94
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	0.1
12 Fluoride as F	1.0	1.5	0.6
13 Colour Hazen Unit	5	1.5	Colourless
14 Taste		Agreeable	Not tasted
15 Odour		Agreeable	Odourless
16 pH Value	6.5 to 8.5	No relaxation	7.8
17 Conductivity as μ mohs at 20°C	NS	NS	566
18 Turbidity NTU	1	5	1
19 Free Residual Chlorine	0.2	NS	NIL

Remark

Palatable

[Signature]
Chemist

[Signature]
AE(HQ)

[Signature]
Ex. Engg. (HQ)
अधिराधा अभियन्ता (मुख्यालय)
जलकाल विभाग, नगर निगम
Dated: प्रयागराज.....

End No

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, 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, Jalkal Vibhag/Mayour, Nagar Nigam, Prayagraj.

[Signature]
Principal
S.P. Convent Inter College
Chak Mundera, Prayagraj

[Signature]
Manager
S. P. Convent Inter College
Chak Mundera, Alid

Ex. Engg. (HQ)

ALLAHABAD JAL KAL VIBHAG LABORATORY

Result of the Bacteriological examination of the Water taken from Water Sample


Name & Designation of the person collecting the sample ASHA RANJAN & PRANJAN


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.			
	20/5/2022	20/5/2022	Water Sample एएचके कॉन्वेंट इन्टर कॉलेज - चक मुन्दरा प्रयागराज								NIL Excellent

20/5/2022

Water Sample

एएचके कॉन्वेंट इन्टर
कॉलेज - चक मुन्दरा
प्रयागराज


Manager
S. P. Convent Inter College,
Chak Muandera Allahabad


Principal
S.P. Convent Inter College
Chak Muandera, Prayagraj


Chemist

Chief Chemist


AE (HQ)

Ex. Engineer (HQ)

अधिसूचना अभियन्ता (गुज्य)
जलकल विभाग, नगर नि
प्रयागराज

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