



U.P. JAL NIGAM

Water Testing Laboratory

Quarsi, Ramghat Road, Aligarh.

Water Analysis Report

Report No.

Dated 8-01-2020

Sl. No. 21362

Source of Sampling- *Submersible*

Village- *Khair*

Code No.-

Teh/Block-

Distt.- *Aligarh*

Name and Designation of Sample Collector- *Mr. Shiv Kumar Sharma*

Date and Time of Sampling *7-01-2020*

Date of obtaining Sample- *7-01-2020*

Date of Analysis *8-01-2020*

Location of sample obtained- *Gurukul Public School, Khair*

(A) CHEMICAL ANALYSIS

	Unit	Test Result	BIS - 10500 - 2012 SPECIFIED VALUES	
			❖ Acceptable	❖❖ Causes for Rejection
1. pH Value	-	<i>7.75</i>	6.5 to 8.5	6.5 to 8.5
2. Total Dissolve Solids	mg/L	<i>272</i>	500	2000
3. Total Hardness (as Ca CO ₃)	"	<i>146</i>	200	600
4. Total Alkalinity (as Ca CO ₃)	"	<i>270</i>	200	600
5. Chloride (as Cl)	"	<i>53</i>	250	1000
6. Iron (as Fe)	"	<i>0.04</i>	0.30	1.00
7. Nitrate (as NO ₃)	"	<i>31.01</i>	45	45
8. Fluorides (as F)	"	<i>0.85</i>	1.0	1.5
9. Sulphate (as SO ₄)	"	<i>14.4</i>	200	400
10. Conductivity	micro mhos	<i>545</i>		

(B) PHYSICAL EXAMINATION

(a) Taste		<i>Tasteless</i>	Unobjectionable	Unobjectionable
(b) Colour (Pt/Co Scale)	Hazen	<i>Colourless</i>	5	15
(c) Odour		<i>Odourless</i>	Unobjectionable	Unobjectionable
(d) Turbidity	N.T.U.	<i>0.98</i>	1.0	5.0

Remark.....

[Signature]

LAB ASSISTANT

[Signature]

JUNIOR ENGINEER

Construction Division U. P. Jal Nigam, Aligarh (U.P.)

Counter Signed

[Signature]

ASSISTANT ENGINEER

- NOTES :- ❖ 1. The figures indicated under the column "Acceptable" are the limits upto which water is generally acceptable to the consumers.
- ❖❖ 2. Figures in excess of those mentioned under "Acceptable" render the water not acceptable, but still may be tolerated in the absence of alternative and better source, but upto the limits indicated under column "Cause for rejection" above which the supply will have to be rejected.