



# U.P. JAL NIGAM

OFFICE OF THE EXECUTIVE ENGINEER  
Construction Division U.P. Jal Nigam Farrukhabad

## Analysis Report Of Water

Reports No.

Source of sampling Ground water Dated 21/01/2021

Place K.V. RRC

Code No.

Village फतेहगढ़

Block बदपुर

Tehsil सदर

Distt. फर्रुखाबाद

Name and Designation of Sampler Collector

Date and Time of Sampling

Date of Obtaining Sample

Date of Analysis

Received From

UNIT

TEST

Indian Standards

Result

Acceptable Cause of rejection

1. Total dissolved solids

"

216

500

2000

2. Chloride (Cl)

"

24

200

1000

3. Total Hardness (CaCO<sub>3</sub>)

"

130

200

600

(a) Calcium (Ca)

"

.....

76

200

(b) Magnesium (Mg)

"

.....

30

150

4. Alkalinity (CaCO<sub>3</sub>)

"

112

200

600

(a) Phenolphtheln

"

.....

(b) Methyl orange

"

.....

5. Oxygen absorbd fm (KMnO<sub>4</sub>in)

"

.....

(a) 3 Mts at R.T.

"

.....

(b) 3 Hours At 37°C

"

.....

6. Nitrate (NO<sub>3</sub>)

"

15

Less than 45

50

7. Nitrate (NO<sub>2</sub>)

"

.....

0.01

0.01

8. Dissolved Oxygen

"

.....

9. Flourides (F)

"

0.40

1.0

1.5

10. Sulphates (SO<sub>4</sub>)

"

.....

200

400

11. Residual Chlorine

"

.....

0.2

1.0

12. Conductivity At. R.T.

micro mho

.....

1000

3000

13. Iron (Fe)

Mg/Lit

0.19

0.1

1.0

14. Bectro Logical Result

15.

(B) PHYSICAL EXAMINATION

(a) Taste

Unobjectionable

Unobjectionable

(b) Colour

5

23

(c) Odour

Unobjectionable

Unobjectionable

(d) Turbidity J.T.U.

2-5

10

(e) PH

7.0 to 8.5

6.5 to 9.2

(f) Appearance of Total Solids

Redidue on Ignition REMARKS

0.98  
7.2  
जल नमूना परीक्षण के बाद  
Water is Potable.

जल निगम प्रयोगशाला  
Labe (Assitant)  
कम्पना नं० - फर्रुखाबाद

JUNIOR ENGINEER

ASSISTANT ENGINEER

(I) Executive Engineer Eight Division U.P. Jal Nigam, Farrukhabad