



U.P. JAL NIGAM

OFFICE OF THE EXECUTIVE ENGINEER

Construction Division U.P. Jal Nigam Farrukhabad

Analysis Report Of Water

Reports No. 95780

Source Of Sampling

Dated 17/06/2025

Place

Code No.

Village

पूर्णका बांध यहां

Block

सूर्योदय

Tehsil

Distt.

Name And Designation Of Sampler Collector

Date And Time Of Sampling

Date Of Obtaining Sample

Date of obtaiing sample

UNIT

TEST

Indian Standards

Received from

Mg/lit

Result

Acceptable Cause of rejection

1.Total Dissolved Solids

"

956

500

2000

2.Chloride (Cl)

"

186

200

1000

3.Total Hardness (CaCO₃)

"

212

200

600

(a)Calcium (Ca)

"

76

76

200

(b)Magnesium (Mg)

"

30

30

150

4.Alkalinity (CaCO₃)

"

287

200

600

(a)Phenolphthlein

"

.....

(b)Methyl Orange

"

.....

5.Oxygen Absrbd Fm (Kmno4in)

"

.....

(a)3 Mts At R.T.

"

.....

(b)3 Hours At 37 °C

"

.....

6.Nitrate (NO₃)

"

3.71

Less than 45

50

7.Nitrate (NO₃)

"

.....

0.01

0.01

8.Dissolved Oxygen

"

0.28

1.0

1.5

9.Fluorides (F)

"

.....

10.Sulphates (SO₄)

"

.....

200

400

11.Residual Chlorine

"

.....

0.2

1.0

12.Conductivity At R.T.

micro mho

.....

1000

3000

13.Iron (Fe)

Mg/Lit

0.26

0.1

1.0

14.Bectro Logical Result

(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

2.17
7.78

Redidue On Ignition REMARKS

LABEL (ASSISTANT)

JUNIOR ENGINEER

ASSISTANT ENGINEER

Digitally signed by Amit Kumar Singh Division U.P. Jal Nigam, Farrukhabad

Date: 2025.06.27 21:44:56 +05:30

Reason: reason

Location: location