

DISTRICT/DIVISION WATER TESTING LABORATORY
(NATIONAL DRINKING WATER MISSION/WATER SUPPLY AND SANITATION DIVISION)

ANALYSIS REPORT ON WATER SAMPLE

(District/State.....)

Sr. No: PHE/SOM/135

Date: 25-04-2024.

PARTICULARS OF SAMPLE

1	Place/Name of Village	:	<u>Bhava Mendhar</u>
2	Block/District	:	<u>Mendhar / Poonch</u>
3	Source	:	<u>Hand Pump</u>
4	Sealed/Unsealed	:	<u>Sealed</u>
5	Date and Time of Collection	:	<u>26-04-2024.</u>
6	Dept	:	<u>PHE</u>
7	Spring Level	:	
8	Name and Designation of the Person collecting the samples	:	<u>Mohd. Shakeel (Lab Asstt)</u>

TEST RESULTS

PHYSICAL AND CHEMICAL

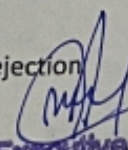
		BIS Desirable limit	Permissible Limit in absence of Alternate source
1	Turbidity (JTU)		
2	Colour (Unit o Pt-Co Scale)	<u>5.00 Ntu</u>	<u>15 Ntu</u>
3	Taste and Odours (Qualitative)	<u>-</u>	<u>-</u>
4	PH		
5	Total Dissolved Solids (mg/l)	<u>8.5</u>	<u>6.5</u>
6	Total Alkalinity (as CaCO ₃) mg/l	<u>200 mg</u>	<u>500 mg</u>
7	Total Hardness (as CaCO ₃) mg/l	<u>00</u>	<u>00</u>
8	Calcium	<u>600 mg</u>	<u>200 mg</u>
9	Magnesium	<u>200 mg</u>	<u>75 mg</u>
10	Carbonate	<u>100 mg</u>	<u>30 mg</u>
11	Non-Carbonate		
12	Chlorides (as/Cl) mg/l		
13	Sulphates (as SO ₄) mg/l	<u>1000 mg</u>	<u>250 mg</u>
14	Fluorides (as F) mg/l		
15	Nitrate (as NO ₃) mg/l	<u>1.5 mg</u>	<u>1.0 mg</u>
16	Iron (as Fe) mg/l	<u>45 mg</u>	<u>45 mg</u>
17	Residual Chlorine (as Cl) mg/l	<u>0.3 mg</u>	<u>0.3 mg</u>
18	Conductivity micromhos/cm		

BACTERIOLOGICAL

1. Plate Count (Colonies/ml)
2. Coliform Organism (MPN/100 ml)

REMARKS: (in view of the above analysis)

1. The water is potable/non potable as Tested Result.
2. The following parameters are more then acceptable but less than the cause for rejection limit.


Asst. Executive Engineer
P.H.E Sub. Division
Mendhar