

**DISTRICT WATER TESTING LABORATORY/MOBILE WATER TESTING LABORATORY DEPARTMENT OF W/S & SANITATION, TARN TARAN (PUNJAB)**

**ANALYSIS REPORT OF WATER SAMPLE**

**Particulars of Sample**

1. Name of Place Area Nanak Dev DAV Public School.  
 District T.T. Block Bhikiwala Village Bhikiwala Location .....

2. Source of the sample (Tick) Canal/Tubewell/Hand Pump/Any Other..... R.O.

3. Name/Designation of the person who collected the sample Sh. Vijay Kumar

4. (i) Date & Time of receipt in the lab ..... 5-4-2022  
 (ii) Commencement of test .....

5. Type of Disinfection (Tick) Silver Ionization/Chlorination/None

| Sr. No. | Test                                                 | Desirable Limit | Permissible Limit | Result    |
|---------|------------------------------------------------------|-----------------|-------------------|-----------|
| 1.      | Turbidity (NTU) Max                                  | 5.0             | 10                | 0.10      |
| 2.      | Colour (Visual)                                      | .....           | Un objectionable  | 1         |
| 3.      | Taste & Odour (Qualitative)                          | .....           | Un objectionable  | Agreeable |
| 4.      | PH                                                   | 6.5 to 8.5      | No relaxation     | 7.15      |
| 5.      | Total Dissolved Solids mg/l Max                      | 500             | 2000              | 85        |
| 6.      | Calcium (Ca), mg/l, Max                              | 75              | 200               | 6.41      |
| 7.      | Chloride Mg/l. Max                                   | 250             | 1000              | 7.99      |
| 8.      | Total Alkalinity (as Ca, CO <sub>3</sub> ), mg/l Max | 200             | 600               | 64        |
| 9.      | Total Hardness (as Ca, CO <sub>3</sub> ), mg/l Max   | 200             | 600               | 56        |
| 10.     | Residual Chlorine (as Cl), mg/l, Max                 | 0.2             | 0.5               | -         |
| 11.     | Fluorides (as F), mg./l, Max                         | 1.0             | 1.5               | -         |
| 12.     | Nitrate (as NO <sub>3</sub> ), mg/l, Max             | 45              | 100               | -         |
| 13.     | Sulphate (as SO <sub>4</sub> ), mg/l, Max            | 200             | 400               | -         |
| 14.     | Iron (as Fe), mg/l Max                               | 0.3             | 0.3               | -         |

**Bacteriological Parameters :**

1. Test for Total Coliform by MPN method with Maconky Broth 10m/x.....  
 1m/x.....  
 0.1m/x.....

2. Test for Fecal Coliform by MPN method with A<sub>1</sub> Broth  
 (Conducted if Total Coliform present)

**Report :**

1. The water is potable / not potable. as per standard  
 2. The following parameters are more than the acceptable limits.  
 'acceptable but less than the 'cause of rejection' limits.

In charge,  
 District Water Testing Laboratory  
 /Mobil Water Testing Laboratory  
 TARN TARAN