

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

142523/

**ANALYSIS REPORT OF WATER SAMPLE**

**Particulars of Sample**

1. Name of Place <i>Sri Gurbhagat Singh Public school, Piddli</i>				
District..... <i>T.T.</i> .....		Block..... <i>T.T.</i> .....		Village.....
2. Source of the sample (Tick) Canal/Tubewell/Hand Pump/Any Other..... <i>T. well</i>				
3. Name/Designation of the person who collected the sample <i>Smt. Sarajit Kaur (Principal)</i>				
4. (i) Date & Time of receipt in the lab <i>28-1-2020</i>				
(ii) Commencement of test <i>✓ Valid March 2021 ✓</i>				
5. Type of Disinfection (Tick) <input checked="" type="checkbox"/> Silver Ionization/ <input type="checkbox"/> Chlorination/ <input type="checkbox"/> None				

Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	5.0	10	0.1
2.	Colour (Visual)	.....	Un objectionable	<i>Clear</i>
3.	Taste & Odour (Qualitative)	.....	Un objectionable	<i>Odourless</i>
4.	PH	6.5 to 8.5	No relaxation	7.1
5.	Total Dissolved Solids mg/l Max	500	2000	300
6.	Calcium (Ca),mg/l, Max	75	200	20
7.	Chloride Mg/l. Max	250	1000	25
8.	Total Alkalinity (as Ca, CO <sub>3</sub> ), mg/l Max	200	600	200
9.	Total Hardness (as Ca, CO <sub>3</sub> ), mg/l Max	200	600	190
10.	Residual Chlorine (as Cl), mg/l, Max	0.2	0.5	—
11.	Fluorides (as F), mg./l, Max	1.0	1.5	0.25
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	0.15

**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 *parameters*
2. The following parameters are more than the *total above* 'acceptable but less than the 'cause of rejection' limits.

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