

**DISTRICT WATER TESTING LABORATORY / MOBILE WATER TESTING LABORATORY DEPARTMENT OF W/S & SANITATION, PUNJAB**

19/6/2020

**ANALYSIS REPORT OF WATER SAMPLE**

**Particular of Sample**

Sample No. 2056

1. Name of Place <u>Guru Teg Bahadur Public School Hazara</u>	
District <u>Jalandhar</u>	Block <u>Jal west</u> Village..... Location.....
2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other <u>T/w</u>	
3. Name / Designation of the person who collected the sample <u>sample not collected by lab</u> <span style="float:right">Person Collection the sample <u>depth = 200 ft</u></span>	
4. (i) Date of Time of receipt in the Lab <u>10/6/2020</u>	
(ii) Commencement of Test <u>11/6/2020</u>	
5. Type of Disinfection (Tick) <u>chlorination</u> / Silver Ionization / Chlorination / None	

S.No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	1	5	-
2.	Colour (Visual)	---	Un objectionable	<u>colourless</u>
3.	Taste & Odour (Qualitative)	---	Un objectionable	<u>Odourless</u>
4.	pH	6.5 to 8.5	No relaxation	<u>7.48</u>
5.	Total Dissolved Solids mg / l Max.	500	2000	<u>350</u>
6.	Calcium (Ca), mg/l. Max.	75	200	<u>37</u>
7.	Chloride mg/l. Max.	250	1000	<u>33</u>
8.	Total Alkalinity (as Ca, CO <sub>3</sub> ), mg/l, Max	200	600	<u>284</u>
9.	Total Hardness (as Ca, CO <sub>3</sub> ), mg/l, Max	300	600	<u>272</u>
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	1.0	-
11.	Fluorides (as F), mg/l, Max	1.0	1.5	-
12.	Nitrate (as NO <sub>3</sub> ), mg/l, Max	45	45	-
13.	Sulphate (as SO <sub>4</sub> ), mg/l, Max	200	400	-
14.	Iron (as Fe), mg/l	0.3	0.3	-

**Bacteriological Parameters :**

- Test for Total Coliform by MPN method with Macconky Broth
  - 10m/x.....
  - 1m/x.....
  - 0.1m/x.....
2. Test for Fecal Coliform by MPN method with A1 Broth (Conducted if Total Coliform present)

**Report :**

- The water is potable / not-potable
- The following parameters are more than the 'acceptable' but less than the 'cause of rejection' limits.

with respect to bacterial parameters.

The Report shall not be used for advertising or any legal purpose

**This Report is Not illegal in Legal Purpose**

**This Report valid for 6 month**

Incharge  
District Water Testing Laboratory,  
Jalandhar

**DISTRICT WATER TESTING LABORATORY / MOBILE WATER TESTING LABORATORY DEPARTMENT OF W/S & SANITATION, PUNJAB**

29/1/2020

**ANALYSIS REPORT OF WATER SAMPLE**

Particular of Sample

Sample No. 2057

1. Name of Place <i>Guru Teg Bahadur public school Hazara</i>	
District <i>Jalandhar</i>	Block <i>Jal west</i> Village ..... Location .....
2. Source of the sample (Tick) Canal / Tubowell / Hand Pump / Any Other <i>R.O</i>	
3. Name / Designation of the person who collected the sample <i>sample not collected by lab</i> Person Collection the sample <i>lab</i>	
4. (i) Date of Time of receipt in the Lab <i>10/1/2020</i>	
(ii) Commencement of Test <i>11/1/2020</i>	
5. Type of Disinfection (Tick) <i>seal and unsealed</i> Silver Ionization / Chlorination / None	

Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	1	5	-
2.	Colour (Visual)	---	Un objectionable	<i>colorless</i>
3.	Taste & Odour (Qualitative)	---	Un objectionable	<i>objectionable</i>
4.	pH	6.5 to 8.5	No relaxation	<i>7.94</i>
5.	Total Dissolved Solids mg / l Max.	500	2000	<i>210</i>
6.	Calcium (Ca), mg/l. Max.	75	200	<i>36</i>
7.	Chloride mg/l. Max.	250	1000	<i>21</i>
8.	Total Alkalinity (as Ca, CO <sub>3</sub> ), mg/l, Max	200	600	<i>196</i>
9.	Total Hardness (as Ca, CO <sub>3</sub> ), mg/l, Max	300	600	<i>184</i>
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	1.0	-
11.	Fluorides (as F), mg/l, Max	1.0	1.5	-
12.	Nitrate (as NO <sub>3</sub> ), mg/l, Max	45	45	-
13.	Sulphate (as SO <sub>4</sub> ), mg/l, Max	200	400	-
14.	Iron (as Fe), mg/l	0.3	0.3	-

**Bacteriological Parameters :**

- Test for Total Coliform by MPN method with MacConky Broth
  - 10m/x.....
  - 1m/x.....
  - 0.1m/x.....
- Test for Fecal Coliform by MPN method with A1 Broth (Conducted if Total Coliform present)

**Report :**

- The water is potable / ~~not potable~~ *with respect to tested parameters*
- The following parameters are more than the 'acceptable' but less than the 'cause of rejection' limits.

*The Report shall not be used for advertising or any legal purpose*

**This Report is Not illegal in Legal Purpose**

**This Report valid for 6 month**

Incharge,  
District Water Testing Laboratory,  
Jalandhar