

BILL

QUALITY TESTING LABORATORY

W/S & Sanitation (R.W.S.) Branch
Amritsar.

7099

Bill No.

To Sri Gurm Teg Bahadur Public
KHANKEET, School,
Distt AER

Date 28.9.2020

Your Ref. SGTBPS/20

Date 12.9.2020

No. of Samples	Type of Analysis	Rate	Amount
<u>114</u>	Physical / Chemical / <u>Bacteriological Analysis</u> of water. Name of Scheme : PROV / OPR Sieve Analysis of Sand Sample RUPEES	<u>150/-</u>	<u>150/-</u>
<u>4188</u>	<u>One Hundred 60% only</u> <u>depths 380' AER</u>		<u>150/-</u>

Incharge

Assistant Chemist :

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

PHYSICAL & CHEMICAL ANALYSIS REPORT OF WATER SAMPLE

114.

Particular of Sample **Sample No.**

Name of Place Sri Guru Teg Bahadur Public School.

District ASR **Block** **Village** KHAN-KOT **Location**

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

3. Name / Designation of the person who collected the sample Principal.

4. (i) Date & Time of receipt in the Lab 22-9-2020
(ii) Commencement of Test 23-9-2020

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

Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	5.0	10	0.1
2.	Colour (Visual)	----	Un objectionable	0.5
3.	Taste & Odour (Qualitative)	----	Un objectionable	0.5
4.	pH	6.5 to 8.5	No relaxation	7.4
5.	Total Dissolved Solids mg / l Max.	500	2000	252
6.	Total Alkalinity (as Ca, CO ₃), mg/l, Max	200	600	228
7.	Total Hardness (as Ca, CO ₃), mg/l, Max	300	600	270
8.	Calcium (Ca), mg/l, Max.	75	200	48
9.	Chloride Mg/l. Max.	250	1000	44
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	0.5	-
11.	Fluorides (as F), mg/l, Max	1.0	1.5	0.5
12.	Nitrate (as NO ₃), mg/l, Max	45	100	-
13.	Sulphate (as SO ₄), mg/l, Max	200	400	-
14.	Iron (as (Fe), mg/l	0.3	1.0	0.10

Bacteriological Parameters :

1. Test for Total Coliform by MPN method with Maconky Broth

10ml
 1m/x
 C.1m/x

2. Test for Fecal Coliform by MPN method with Aq Broth
 (Conducted if Total Coliform present)

Report :

- The water is potable / ~~not potable~~ as per test
- The following parameters are more than the Desirable limit but less than the permissible limit.
 (Sample not drawn by us. Unless and other wise stated)

In charge,
District Water Testing Laboratory,
Mobile Water Testing Laboratory
AMRITSAR