

BILL

WATER QUALITY TESTING LABORATORY

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

Book No.

Bill No. 7055

To Dawn Public School
Village: Assal Patti
Tarn Taran

Date 10.9.2020

Your Ref. DPS-419

Date 08/09/2020

No. of Samples	Type of Analysis	Rate	Amount
<u>58-59</u>	Physical / Chemical / Bacteriological Analysis of water. SIP. R.O. Name of Scheme : PROV / OPR Sieve Analysis of Sand Sample RUPEES <u>Three hundred only</u>	<u>150/-</u>	<u>300/-</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

Particular of Sample Doon Public School Sample No. 58

1. Name of Place <u>Village Assol Patti Dist: Tarn Taran</u>	
District <u>Tarn Taran</u> Block	Village Location
2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other <u>S/Pump. 500' deep.</u>	
3. Name / Designation of the person who collected the sample <u>M.D. Doon Public School Collection & Submission</u>	
4. (i) Date & Time of receipt in the Lab <u>1st Sample on 08/03/2020</u>	
(ii) Commencement of Test <u>09/03/2020</u>	
5. Type of Disinfection (Tick) Silver Ionization / Chlorination / None	

Sr. No.	Test	Desirable Limit	Permissible Limit	Result
1.	Turbidity (NTU) Max	5.0	10	0.4
2.	Colour (Visual)	----	Un objectionable	Colourless
3.	Taste & Odour (Qualitative)	----	Un objectionable	Odourless
4.	pH	6.5 to 8.5	No relaxation	7.2
5.	Total Dissolved Solids mg / l Max.	500	2000	403
6.	Total Alkalinity (as Ca, CO ₃), mg/l, Max	200	600	270
7.	Total Hardness (as Ca, CO ₃), mg/l, Max	300	600	250
8.	Calcium (Ca), mg/l, Max.	75	200	36
9.	Chloride Mg/l. Max.	250	1000	35
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	0.5	—
11.	Fluorides (as F), mg/l, Max	1.0	1.5	0.02
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	0.08

Bacteriological Parameters :

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

10m/
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~~
- 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

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

PHYSICAL & CHEMICAL ANALYSIS REPORT OF WATER SAMPLE

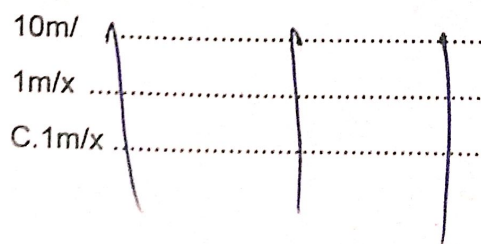
Particular of Sample Doon Public School Sample No. 59

1. Name of Place <u>Village Assal Patti</u>	
District <u>Tarn Taran</u>	Block Village Location
2. Source of the sample (Tick) Canal / Tubewell / Hand Pump / Any Other <u>R.O. WATER</u>	
3. Name / Designation of the person who collected the sample <u>M.D. Doon Public School collected & submitted</u>	
4. (i) Date & Time of receipt in the Lab <u>1st Sample 08/09/2020</u>	
(ii) Commencement of Test <u>09/09/2020</u>	
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	Colourless
3.	Taste & Odour (Qualitative)	---	Un objectionable	Ordinary
4.	pH	6.5 to 8.5	No relaxation	7.0
5.	Total Dissolved Solids mg / l Max.	500	2000	68
6.	Total Alkalinity (as Ca, CO ₃), mg/l, Max	200	600	52
7.	Total Hardness (as Ca, CO ₃), mg/l, Max	300	600	48
8.	Calcium (Ca), mg/l, Max.	75	200	12
9.	Chloride Mg/l. Max.	250	1000	14
10.	Residual Chlorine (as Cl), mg/l, Max.	0.2	0.5	—
11.	Fluorides (as F), mg/l, Max	1.0	1.5	0.05
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	0.01

Bacteriological Parameters :

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



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

Report :

- The water is potable / ~~not potable~~
- The following parameters are more than the Desirable limit but less than the permissible limit.
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