

**BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI**

In O.A. No. 483/2024

**Subject:** Suo Motu matter In re: News item appearing in Punjab Kesri dated 12.04.2024 titled "शहर के नल उगल रहे मटमैला पानी, गन्दा पानी पीने को मजबूर लोग, बीमारियों को मिल रही दावत".

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<b>VERNACULAR COPIES</b>			
7.	Power of Attorney	Already on record.	

Place : Chandigarh

Date : 05.08.2024

  
**Malwinder Singh Jaggi, IAS**  
**Chief Executive Officer**  
**Punjab Water Supply and Sewerage Board, Punjab**

BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI

In O.A. No. 483/2024

**Subject:** Suo Motu matter In re: News item appearing in Punjab Kesri dated 12.04.2024 titled "शहर के नल उगल रहे मटमैला पानी, गन्दा पानी पीने को मजबूर लोग, बीमारियों को मिल रही दावत".

**Status Report by way of affidavit of Sh. Malwinder Singh Jaggi, IAS, Chief Executive Officer, Punjab Water Supply and Sewerage Board, Plot No. 1-B, Madhya Marg, Sector 27, Chandigarh.**

**RESPECTULLY SHOWETH**

I, the above named deponent, do hereby solemnly affirm and sincerely state as under:

1. That the present OA has been registered by this Hon'ble Tribunal by taking *suo motu* cognizance of the News item published in Punjab Kesari Newspaper dated 12.04.2024 titled, "*Shahar ke nal ugal rahe matmaila paani, ganda paani peene ko mazboor log, bimariyon ko mil rahi daavat.*"
2. That in the said news article, it has been stated that dirty water is being supplied to the public in many areas of the city i.e. taps installed at main Handiaya Market and the people are facing the problem of dusty water. On filling water, a layer of dust is seen on the surface of the containers, etc.

3. That it is respectfully submitted that the source of water supply to the area is Tubewell water which is supplied to the public after chlorination i.e. a disinfection process to keep the water clean. The underground water supply system comprises of AC pipes and MS pipelines which were laid about 70 years ago and have outlived their lives. There are reports that the interior layer of MS pipelines had corroded due to which, at times, rusty water reached the end users.
4. That the detailed reply was submitted in Hon'ble Court on 29.04.2024 and vide order dated 30.04.2024 the Hon'ble Tribunal had directed the Respondent No. 2 to ascertain the cause of contamination of piped water and file a comprehensive report along with water sample analysis report.
5. That in compliance to the above orders, the test reports for the water samples submitted for testing in the Government Laboratory of the Water Supply and Sanitation Department has been received and all the test parameters are well within the acceptable/permissible limit as per IS:10500-2012. That it is pertinent to mention that after receiving the test reports, it has been ascertained that there is no bacteriological contamination in the drinking water being supplied and contamination as mentioned in the news report was only due to the corrosion of the internal layers of the old water supplying pipes. In case any complaint is received, to remove the corrosive being mixed with the drinking water, the process of scouring is done immediately and the pipes are cleaned.

The Department is mindful of the issue and necessary and swift action is being taken.

6. That a joint committee was formed by the Deputy Commissioner, Barnala comprising of members from Punjab Pollution Control Board, Punjab Water Supply and Sewerage Board and Municipal Council, Barnala. The joint sampling from the area in question was done on 21.05.2024 and the test results attached specifies that there is no bacteriological contamination in the drinking water as Total coliform and Feacal coliform is absent in these test results. Copies of test reports are annexed as **Annexure R/10**.
7. That parallel sampling was done by Punjab Water Supply and Sewerage Board on 21.05.2024 from five different locations in the area and the same was submitted for analysis to the Government Laboratory of the Water Supply and Sanitation Department at Regional Water Testing Lab, SAS Nagar. The test results dated 13.06.2024 is attached herewith and all the test parameters are well within the acceptable/permissible limit as per IS: 10500-2012. Copies of test reports are annexed as **Annexure R/11**.
8. That again the Answering Respondent had also taken a few samples of drinking water from different locations on 19.07.2024 and submitted the same to the Government Laboratory of the Water Supply and Sanitation Department at Regional Water Testing Lab, Sangrur for conducting physical, chemical and bacteriological tests. The test results dated 29.07.2024 indicates that the test results for different parameters are

within the acceptable/ permissible limits as per the IS: 10500-2012. Copies of test reports pertaining to tests conducted on 19.07.2024 are annexed as Annexure R/12.

9. That the permanent solution to the said contamination is the replacement of the water supplying pipes and with regard to this, the work of replacement of water supply pipelines in Ward No. 15, Barnala, has been allotted to M/s H&G Enterprises, Mansa on 12.07.2024, with time limit of 5 months. After allotment of work, the agency has requested for the inspection of material vide letter dated 16.07.2024 and the same was forwarded to Head office vide Executive Engineer, Pb. W/S & Sew. Divn., Barnala letter dated 16.07.2024 and the inspection duty was assigned to the respective inspecting officer by the competent authority vide Head office letter dated 18.07.2024. The material is under inspection and will be procured at site after inspection. Copy of the award letter dated 12.07.2024 is annexed as Annexure R/13 and copies of letters for inspection of material are annexed as Annexure R/14.

10. That the Ductile Iron (DI) pipes to be installed in the water supply network under ward No. 15 are to be procured from M/s Jai Balaji Industries Ltd., Kolkata. These pipes are under inspection and the same are to be delivered within the next 15-20 days. Once the pipes are received at site, the work will be taken up on priority basis and shall be completed within the prescribed time period of 5 months from the date of allotment of work.

11. That it is further assured to this Hon'ble Tribunal that all possible efforts will be made to provide clean drinking water to the general public and also to implement and abide by all the orders/directions issued by this Hon'ble Tribunal in letter and spirit.

Chandigarh

Date : 05.08.2024



(DEPONENT)

Malwinder Singh Jaggi, IAS

Chief Executive Officer

Punjab Water Supply and Sewerage Board, Punjab

**Verification:**

Verified that the contents of the above reply by way of affidavit are true to my knowledge and belief, based on the official record. No part of it is false and nothing material has been concealed therein.

Chandigarh

Date : 05.08.2024



(DEPONENT)

Malwinder Singh Jaggi, IAS

Chief Executive Officer

Punjab Water Supply and Sewerage Board, Punjab

PUNJAB POLLUTION CONTROL BOARD VATAVARAN BHAVAN,  
NABHA ROAD, PATIALA  
GROUND WATER REPORT



1. Laboratory Sample No. GW-46/H.O.Lab./G.W. Monitoring/2024-25
2. Name of Industry Ground Water Samples taken from MC Supply, Barnala
3. Name of Sample collecting Officer Sh. Tilak Das, SDE (PWSSB Barnala), Sh. Vishal Deep, EO (Barnala), Er. Jaspal Singh, AEE PPCB, Sh. Khaleel Mohd, Microbiologist PPCB & Sh. Gursevak, TEE (PPCB)
4. Designation of authorizing Test EE, RO, Sangrur
5. Date & Time of Sample collection 21.05.2024
6. Date & Time of Sample receipt in Lab. 21.05.2024
7. Period of Analysis 21.05.2024 to 29.05.2024
8. Test Methods As per relevant parts of S:3025 & Methods of APHA

## Results

Sr. no.	Parameters	Pharwahi Bazar Road Barnala near Lucky Plastic Shop, Barnala (Latitude-30.373923 & Longitude-75.549188)
1	pH	7.4
2	Total Suspended Solids mg/l	BDL
3	Total Dissolved Solids mg/l	781
4	Chemical Oxygen Demand mg/l	BDL
5	Bio-Chemical Oxygen Demand mg/l	BDL
6	Total Hardness mg/l	331
7	Calcium mg/l	81
8	Magnesium mg/l	31
9	Sodium mg/l	98
10	Potassium mg/l	27
11	Sulphate mg/l	75
12	Nitrate as NO <sub>3</sub> mg/l	BDL
13	Fluoride mg/l	BDL
14	Total Alkalinity mg/l	458
15	Chloride mg/l	175
16	Iron mg/l	BDL
17	Nickel mg/l	BDL
18	Zinc mg/l	BDL
19	Cyanide mg/l	BDL
20	Copper mg/l	BDL
21	Total Chrome mg/l	BDL
22	Total Coliform MPN/100ml	BDL
23	Faecal Coliform MPN/100ml	BDL

Note: BDL means Below Method Detection Limit.

--End of Report--

Endst. No: 13477-79

Di. 3/6/24

*M. S. D.*  
Scientific Officer  
30/5/24

A copy of the above is forwarded to the:-

1. The Chief Environmental Engineer (Water), Punjab Pollution Control Board, Ludhiana.
2. The Senior Environment Engineer, Punjab Pollution Control Board, Zonal Office-II, Patiala.
3. The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Sangrur.

*A. S. D.*  
30/5/24

*J. S. D.*  
Asst. Scientific Officer  
30/5/24

PUNJAB POLLUTION CONTROL BOARD VATAVARAN BHAVAN,  
NABHA ROAD, PATIALA  
GROUND WATER REPORT



1. Laboratory Sample No.
2. Name of Industry
3. Name of Sample collecting Officer

4. Designation of authorizing Test
5. Date & Time of Sample collection
6. Date & Time of Sample receipt in Lab.
7. Period of Analysis
8. Test Methods

GW-41/H.O.Lab./G.W. Monitoring/2024-25  
Ground Water Samples taken from MC Supply, Barnala  
Sh. Tilak Das, SDE (PWSSB Barnala), Sh. Vishal Deep, EO MC  
(Barnala), Er. Jaspal Singh, AEE PPCB, Sh. Khaleel Mohd,  
Microbiologist PPCB & Sh. Gursevak, TEE (PPCB)  
EE, RO, Sangrur  
21.05.2024  
21.05.2024  
21.05.2024 to 29.05.2024  
As per relevant parts of S:3025 &  
Methods of APHA

## Results

Sr. no.	Parameters	Old Exchange Gali, Barnala (Latitude-30.373985 & Longitude- 75.549681)
1	pH	
2	Total Suspended Solids mg/l	7.5
3	Total Dissolved Solids mg/l	BDL
4	Chemical Oxygen Demand mg/l	724
5	Bio- Chemical Oxygen Demand mg/l	BDL
6	Total Hardness mg/l	BDL
7	Calcium mg/l	287
8	Magnesium mg/l	72
9	Sodium mg/l	26
10	Potassium mg/l	91
11	Sulphate mg/l	22
12	Nitrate as NO <sub>3</sub> mg/l	69
13	Fluoride mg/l	BDL
14	Total Alkalinity mg/l	BDL
15	Chloride mg/l	460
16	Iron mg/l	144
17	Nickel mg/l	BDL
18	Zinc mg/l	BDL
19	Cyanide mg/l	BDL
20	Copper mg/l	BDL
21	Total Chrome mg/l	BDL
22	Total Coliform MPN/100ml	BDL
23	Faecal Coliform MPN/100ml	BDL

Note: BDL means Below Method Detection Limit.

--End of Report--

Endst. No: 13443-45

Di. 3/6/24

*m.p.*  
Scientific Officer  
20/5/24

A copy of the above is forwarded to the:-

1. The Chief Environmental Engineer (Water), Punjab Pollution Control Board, Ludhiana.
2. The Senior Environment Engineer, Punjab Pollution Control Board, Zonal Office-11, Patiala.
3. The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Sangrur.

*R*  
30/5/24  
Asst. Scientific Officer

PUNJAB POLLUTION CONTROL BOARD VATAVARAN BHAVAN,  
NABHA ROAD, PATIALA  
GROUND WATER REPORT



1. Laboratory Sample No.
2. Name of Industry
3. Name of Sample collecting Officer

GW-43/H.O.Lab/G.W. Monitoring/2024-25

Ground Water Samples taken from MC Supply, Barnala  
Sh. Tilak Das, SDE (PWSSB Barnala), Sh. Vishal Deep, E.O.MC  
(Barnala), Er. Jaspal Singh, AEE PPCB, Sh. Khaleel Moid,  
Microbiologist PPCB & Sh. Gursevak, TEE (PPCB)

4. Designation of authorizing Test
5. Date & Time of Sample collection
6. Date & Time of Sample receipt in Lab.
7. Period of Analysis
8. Test Methods

EE, RO, Sangrur

21.05.2024

21.05.2024

21.05.2024 to 29.05.2024

As per relevant parts of S:3025 &  
Methods of APHA

Results

Sr. no.	Parameters	Sadar Bazar, Near Hernaj Doctor, Barnala (Latitude-30.374243 & Longitude-75.54806)
1	pH	7.5
2	Total Suspended Solids mg/l	BDL
3	Total Dissolved Solids mg/l	704
4	Chemical Oxygen Demand mg/l	BDL
5	Bio-Chemical Oxygen Demand mg/l	BDL
6	Total Hardness mg/l	282
7	Calcium mg/l	73
8	Magnesium mg/l	24
9	Sodium mg/l	91
10	Potassium mg/l	23
11	Sulphate mg/l	73
12	Nitrate as NO <sub>3</sub> mg/l	BDL
13	Fluoride mg/l	BDL
14	Total Alkalinity mg/l	436
15	Chloride mg/l	147
16	Iron mg/l	BDL
17	Nickel mg/l	BDL
18	Zinc mg/l	BDL
19	Cyanide mg/l	BDL
20	Copper mg/l	BDL
21	Total Chrome mg/l	BDL
22	Total Coliform MPN/100ml	BDL
23	Faecal Coliform MPN/100ml	BDL

Note: BDL means Below Method Detection Limit.

--End of Report--

Enclst. No: 13449-51

DL 3/6/24

*M.D.*  
Scientific Officer  
30/5/24

A copy of the above is forwarded to the:-

1. The Chief Environmental Engineer (Water), Punjab Pollution Control Board, Ludhiana.
2. The Senior Environment Engineer, Punjab Pollution Control Board, Zonal Office-II, Patiala.
3. The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Sangrur.

*Kings*  
Asst. Scientific Officer  
30/5/24

*K*  
30/5/24

**PUNJAB POLLUTION CONTROL BOARD VATAVARAN BHAVAN,  
NABHA ROAD, PATIALA**



**GROUND WATER REPORT**

- |  |  |
|--|--|
| 1. Laboratory Sample No.                 | GW-42/H.O.Lab./G.W. Monitoring/2024-25   |
| 2. Name of Industry                      | Ground Water Samples taken from MC Supply, Barnala   |
| 3. Name of Sample collecting Officer     | Sh. Tilak Das, SDE (PWSSB Barnala), Sh. Vishal Deep, EO MC (Barnala), Er. Jaspal Singh, AEE PPCB, Sh. Khaleel Mohd. Microbiologist PPCB & Sh. Gursevak, TEE (PPCB) |
| 4. Designation of authorizing Test       | EE, RO, Sangrur  |
| 5. Date & Time of Sample collection      | 21.05.2024   |
| 6. Date & Time of Sample receipt in Lab. | 21.05.2024   |
| 7. Period of Analysis                    | 21.05.2024 to  |
| 8. Test Methods                          | As per relevant parts of S:3025 & Methods of APHA  |

**Results**

Sr. no.	Parameters	Band Gali, Near Bunty Gift House, Barnala (Latitude-30.374936 & Longitude-75.548027)
1	pH	7.5
2	Total Suspended Solids mg/l	BDL
3	Total Dissolved Solids mg/l	710
4	Chemical Oxygen Demand mg/l	BDL
5	Bio- Chemical Oxygen Demand mg/l	BDL
6	Total Hardness mg/l	299
7	Calcium mg/l	75
8	Magnesium mg/l	27
9	Sodium mg/l	93
10	Potassium mg/l	25
11	Sulphate mg/l	70
12	Nitrate as NO <sub>3</sub> mg/l	BDL
13	Fluoride mg/l	BDL
14	Total Alkalinity mg/l	448
15	Chloride mg/l	133
16	Iron mg/l	BDL
17	Nickel mg/l	BDL
18	Zinc mg/l	BDL
19	Cyanide mg/l	BDL
20	Copper mg/l	BDL
21	Total Chrome mg/l	BDL
22	Total Coliform MPN/100ml	BDL
23	Faecal Coliform MPN/100ml	BDL

Note: BDL means Below Method Detection Limit.

--End of Report--

Endst. No: 13446-48

DI. 3/6/24

Scientific Officer

A copy of the above is forwarded to the:-

1. The Chief Environmental Engineer (Water), Punjab Pollution Control Board, Ludhiana.
2. The Senior Environment Engineer, Punjab Pollution Control Board, Zonal Office-II, Patiala.
3.  The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Sangrur.

Asst. Scientific Officer

PUNJAB POLLUTION CONTROL BOARD VATAVARAN BHAYAN,  
NABHA ROAD, PATIALA  
GROUND WATER REPORT



1. Laboratory Sample No.
2. Name of Industry
3. Name of Sample collecting Officer
4. Designation of authorizing Test
5. Date & Time of Sample collection
6. Date & Time of Sample receipt in Lab.
7. Period of Analysis
8. Test Methods

GW-44/H.O.Lab./G.W. Monitoring/2024-25  
Ground Water Samples taken from MC Supply, Barnala  
Sh. Tilak Das, SDE (PWSSB Barnala), Sh. Vishal Deep, EO MC  
(Barnala), Er. Jaspal Singh, AEE PPCB, Sh. Khaleel Molid,  
Microbiologist PPCB & Sh. Gursevak, TEE (PPCB)  
EE, RO, Sangrur  
21.05.2024  
21.05.2024  
21.05.2024 to 29.05.2024  
As per relevant parts of S:3025 &  
Methods of APHA

## Results

Sr. no.	Parameters	Handiaya Bazar Road, Near Naresh Gen. Store Guruduwara Street, Barnala (Latitude-30.374147 & Longitude-75.547532)
1	pH	7.7
2	Total Suspended Solids mg/l	BDL
3	Total Dissolved Solids mg/l	572
4	Chemical Oxygen Demand mg/l	BDL
5	Bio- Chemical Oxygen Demand mg/l	BDL
6	Total Hardness mg/l	BDL
7	Calcium mg/l	214
8	Magnesium mg/l	59
9	Sodium mg/l	16
10	Potassium mg/l	62
11	Sulphate mg/l	11
12	Nitrate as NO <sub>3</sub> mg/l	53
13	Fluoride mg/l	BDL
14	Total Alkanity mg/l	BDL
15	Chloride mg/l	424
16	Iron mg/l	113
17	Nickel mg/l	BDL
18	Zinc mg/l	BDL
19	Cyanide mg/l	BDL
20	Copper mg/l	BDL
21	Total Chrome mg/l	BDL
22	Total Coliform MPN/100ml	BDL
23	Feecal Coliform MPN/100ml	BDL

Note: BDL means Below Method Detection Limit.

--End of Report--

Endst. No: 13471-73

Dt. 3/6/24

*M.S.*  
Scientific Officer  
30/5/24

A copy of the above is forwarded to the:-

1. The Chief Environmental Engineer (Water), Punjab Pollution Control Board, Ludhiana.
2. The Senior Environment Engineer, Punjab Pollution Control Board, Zonal Office-11, Patiala.
3.  The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Sangrur.

*R. Solanki*  
Asst. Scientific Officer  
30/5/24

PUNJAB POLLUTION CONTROL BOARD VATAVARAN BHAVAN,  
NABHA ROAD, PATIALA  
GROUND WATER REPORT



1. Laboratory Sample No.
2. Name of Industry
3. Name of Sample collecting Officer
4. Designation of authorizing Test
5. Date & Time of Sample collection
6. Date & Time of Sample receipt in Lab.
7. Period of Analysis
8. Test Methods

GW-45/H.O.Lab./G.W. Monitoring/2024-25  
Ground Water Samples taken from MC Supply, Barnala  
Sh. Tilak Das, SDE (PWSSB Barnala), Sh. Vishal Deep, EO MC  
(Barnala), Er. Jaspal Singh, AEE PPCB, Sh. Khaleel Mohd.  
Microbiologist PPCB & Sh. Gursevak, TEE (PPCB)  
EE, RO, Sangrur  
21.05.2024  
21.05.2024  
21.05.2024 to 29.05.2024  
As per relevant parts of S:3025 &  
Methods of APHA

## Results

Sr. no.	Parameters	#B1/707 Near Panchayati Shastri Market Street, Barnala (Latitude-30.372878 & Longitude-75.547316)
1	pH	7.6
2	Total Suspended Solids mg/l	BDL
3	Total Dissolved Solids mg/l	635
4	Chemical Oxygen Demand mg/l	BDL
5	Bio- Chemical Oxygen Demand mg/l	BDL
6	Total Hardness mg/l	242
7	Calcium mg/l	64
8	Magnesium mg/l	20
9	Sodium mg/l	85
10	Potassium mg/l	19
11	Sulphate mg/l	62
12	Nitrate as NO <sub>3</sub> mg/l	BDL
13	Fluoride mg/l	BDL
14	Total Alkalinity mg/l	424
15	Chloride mg/l	123
16	Iron mg/l	BDL
17	Nickel mg/l	BDL
18	Zinc mg/l	BDL
19	Cyanide mg/l	BDL
20	Copper mg/l	BDL
21	Total Chrome mg/l	BDL
22	Total Coliform MPN/100ml	BDL
23	Fecal Coliform MPN/100ml	BDL

Note: BDL means Below Method Detection Limit.

--End of Report--

Endst. No: 13474-76

Di. 3/6/24

*msh*  
Scientific Officer  
30/5/24

A copy of the above is forwarded to the:-

1. The Chief Environmental Engineer (Water), Punjab Pollution Control Board, Ludhiana.
2. The Senior Environment Engineer, Punjab Pollution Control Board, Zonal Office-II, Patiala.
3. The Environmental Engineer, Punjab Pollution Control Board, Regional Office, Sangrur.

TRUE COPY

*Advocate*  
ADVOCATE

*Jing*  
30/5/24  
Asst. Scientific Officer

## REGIONAL WATER TESTING LAB, SAS NAGAR

Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab  
mdlsasnagar@gmail.com

TC-12772

## TEST REPORT

Name & Address of Customer : Sub Divisional Engineer Punjab W/s & Sewerage Sub Division , Barnala		Customer Reference No.	No : Letter No.568 Dated : 21/05/2024	
		Sample Submitted by	Ram Sagar	
		Date of Sample Receipt	22/05/2024	
		Analysis Starting Date	22/05/2024	
		Analysis completion Date	29/05/2024	
Discipline : Chemical Testing		Group: Water		
ULR No.:	TC12772240000078F	Sample Type :	Water	
Test Report No.:	RWTLSAS/2425/00061	Date of Issue :	13/06/2024	
Registration no.:	RWTLSAS/REG2425/00266	Condition of Sample :	Unsealed	
Collection Point:	Distribution Point(Near Bus stand,School,Gurudwara,etc)	Quantity/Type of Bottle:	500 ml / Amber Colored Glass Bottle	
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	Sadar Bazar, 9GFX+M6P, Barnala / NA	
Village :	Not Mentioned	Habitation :	Not Mentioned	
Block:	Not Mentioned	District :	SAS Nagar	
Latitude :	30.374254	Longitude:	75.549266	

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.88@25°C	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	<5	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	Taste	NT	Agreeable	Agreeable	--	IS 3025 (Part 8 – 2023)
5	TDS	776	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	0.82	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity(CaCO3)	560	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness(CaCO3)	320	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium(Ca)	44.89	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium(Mg)	50.54	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride(Cl)	160	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

This Report is issued under the following terms &amp; Condition :

1. The results apply to the sample as received only.
2. The sample will be destroyed after retention time unless otherwise specified specially.
3. This report is not to be reproduced wholly or in part and can't be used as evidence in court of law.
4. Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed, ND=Not Detected)
5. \* Value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

Mr. Manik Kataria  
Sr. Chemist  
Authorized Signatory  
For, Regional Water Testing Lab  
SAS Nagar

----- End of the Test Report -----

## REGIONAL WATER TESTING LAB, SAS NAGAR

Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab  
mdlsasnagar@gmail.com

TC-12772

13

## TEST REPORT

Name & Address of Customer : Sub Divisional Engineer Punjab W/s & Sewerage Sub Division , Barnala		Customer Reference No.	No : Letter No.568 Dated : 21/05/2024	
		Sample Submitted by	Ram Sagar	
		Date of Sample Receipt	22/05/2024	
		Analysis Starting Date	22/05/2024	
		Analysis completion Date	29/05/2024	
Discipline : Chemical Testing		Group: Water		
ULR No.:	TC12772240000078F	Sample Type :	Water	
Test Report No.:	RWTLSAS/2425/00061	Date of Issue :	13/06/2024	
Registration no.:	RWTLSAS/REG2425/00267	Condition of Sample :	Unsealed	
Collection Point:	Distribution Point(Near Bus stand,School,Gurudwara,etc)	Quantity/Type of Bottle:	1000 ml / Plastic Bottles	
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	B II/498, Pharwahi Bazaar RD, Barnala / NA	
Village :	Not Mentioned	Habitation :	Not Mentioned	
Block:	Not Mentioned	District :	Barnala	
Latitude :	30.373975	Longitude:	75.549266	

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.87@25°C	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	<5	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	Taste	NT	Agreeable	Agreeable	--	IS 3025 (Part 8 – 2023)
5	TDS	811	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	0.55	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity(CaCO <sub>3</sub> )	624	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness(CaCO <sub>3</sub> )	256	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium(Ca)	43.29	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium(Mg)	35.96	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg-2 B By Calculation Method
11	Chloride(Cl)	160	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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- This report is not to be reproduced wholly or in part and can't be used as evidence in court of law.
- Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed, ND=Not Detected)
- \* Value not available or test not performed for this parameter.
- Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

Mr. Manik Kataria  
Sr. Chemist  
Authorized Signatory  
For,Regional Water Testing Lab  
SAS Nagar

----- End of the Test Report -----

## REGIONAL WATER TESTING LAB, SAS NAGAR

Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab  
mdlsasnagar@gmail.com

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TC-12712

## TEST REPORT

Name & Address of Customer : <b>Sub Divisional Engineer</b> Punjab W/s & Sewerage Sub Division , Barnala			Customer Reference No.		No : Letter No.568 Dated : 21/05/2024	
			Sample Submitted by		Ram Sagar	
			Date of Sample Receipt		22/05/2024	
			Analysis Starting Date		22/05/2024	
			Analysis completion Date		29/05/2024	
Discipline : <b>Chemical Testing</b>			Group: <b>Water</b>			
ULR No.:	TC127722400000078F		Sample Type :		Water	
Test Report No.:	RWTLAS/2425/00061		Date of Issue :		13/06/2024	
Registration no.:	RWTLAS/REG2425/00268		Condition of Sample :		Unsealed	
Collection Point:	Distribution Point(Near Bus stand,School,Gurudwara,etc)		Quantity/Type of Bottle:		1000 ml / Plastic Bottles	
Scheme/Source:	Not Mentioned(Not Mentioned)		Location/Depth :		B-II/824, 40 Feet Street, Near Geeta Bhawan, Barnala / NA	
Village :	Not Mentioned		Habitation :		Not Mentioned	
Block:	Not Mentioned		District :		Barnala	
Latitude :	30.373975		Longitude:		75.54579	
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.97@25°C	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	<5	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	Taste	NT	Agreeable	Agreeable	--	IS 3025 (Part 8 – 2023)
5	TDS	<b>776</b>	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	0.98	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity(CaCO3)	<b>576</b>	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness(CaCO3)	<b>320</b>	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium(Ca)	43.29	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium(Mg)	<b>51.52</b>	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride(Cl)	153	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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- Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed, ND=Not Detected)
- \* Value not available or test not performed for this parameter.
- Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

**Mr. Manik Kataria**  
Sr. Chemist  
Authorized Signatory  
For,Regional Water Testing Lab  
SAS Nagar

----- End of the Test Report -----

## REGIONAL WATER TESTING LAB, SAS NAGAR

Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab  
mdlsasagar@gmail.com

TC-1272

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## TEST REPORT

Name & Address of Customer : <b>Sub Divisional Engineer</b> <b>Punjab W/s &amp; Sewerage Sub Division , Barnala</b>		Customer Reference No.	<b>No : Letter No.568 Dated : 21/05/2024</b>			
		Sample Submitted by	<b>Ram Sagar</b>			
		Date of Sample Receipt	<b>22/05/2024</b>			
		Analysis Starting Date	<b>22/05/2024</b>			
		Analysis completion Date	<b>29/05/2024</b>			
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>				
ULR No.:	<b>TC127722400000078F</b>	Sample Type :	<b>Water</b>			
Test Report No.:	<b>RWTLSAS/2425/00061</b>	Date of Issue :	<b>13/06/2024</b>			
Registration no.:	<b>RWTLSAS/REG2425/00269</b>	Condition of Sample :	<b>Unsealed</b>			
Collection Point:	<b>Distribution Point(Near Bus stand,School,Gurudwara,etc)</b>	Quantity/Type of Bottle:	<b>1000 ml / Plastic Bottles</b>			
Scheme/Source:	<b>Not Mentioned(Not Mentioned)</b>	Location/Depth :	<b>Barnala PGFX+M33, Barnala / NA</b>			
Village :	<b>Not Mentioned</b>	Habitation :	<b>Not Mentioned</b>			
Block:	<b>Not Mentioned</b>	District :	<b>Barnala</b>			
Latitude :	<b>30.374095</b>	Longitude:	<b>75.547579</b>			
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.96@25°C	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	<5	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	Taste	NT	Agreeable	Agreeable	--	IS 3025 (Part 8 – 2023)
5	TDS	<b>709</b>	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	<b>1.04</b>	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity(CaCO3)	<b>440</b>	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness(CaCO3)	<b>248</b>	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium(Ca)	28.86	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium(Mg)	<b>42.77</b>	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride(Cl)	120	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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- This report is not to be reproduced wholly or in part and can't be used as evidence in court of law.
- Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed, ND=Not Detected)
- \* Value not available or test not performed for this parameter.
- Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

Mr. Manik Kataria  
Sr. Chemist  
Authorized Signatory  
For,Regional Water Testing Lab  
SAS Nagar

----- End of the Test Report -----

## REGIONAL WATER TESTING LAB, SAS NAGAR

Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab  
mdlsasnagar@gmail.com

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TC-12772

## TEST REPORT

Name & Address of Customer : Sub Divisional Engineer Punjab W/s & Sewerage Sub Division , Barnala		Customer Reference No.	No : Letter No.568 Dated : 21/05/2024			
		Sample Submitted by	Ram Sagar			
		Date of Sample Receipt	22/05/2024			
		Analysis Starting Date	22/05/2024			
		Analysis completion Date	29/05/2024			
Discipline : Chemical Testing		Group: Water				
ULR No.:	TC12772240000078F	Sample Type :	Water			
Test Report No.:	RWTLAS/2425/00061	Date of Issue :	13/06/2024			
Registration no.:	RWTLAS/REG2425/00270	Condition of Sample :	Unsealed			
Collection Point:	Distribution Point(Near Bus stand,School,Gurudwara,etc)	Quantity/Type of Bottle:	1000 ml / Plastic Bottles			
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	9GFX+534, Shastri Market Street, Barnala / NA			
Village :	Not Mentioned	Habitation :	Not Mentioned			
Block:	Not Mentioned	District :	Barnala			
Latitude :	Not Mentioned	Longitude:	Not Mentioned			
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.91@25°C	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	<5	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	Taste	NT	Agreeable	Agreeable	--	IS 3025 (Part 8 – 2023)
5	TDS	725	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	0.82	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity(CaCO3)	436	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness(CaCO3)	220	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium(Ca)	32.06	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium(Mg)	34.02	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride(Cl)	131	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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- Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed, ND=Not Detected)
- \* Value not available or test not performed for this parameter.
- Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

Mr. Manik Kataria  
Sr. Chemist  
Authorized Signatory  
For,Regional Water Testing Lab  
SAS Nagar

----- End of the Test Report -----

## REGIONAL WATER TESTING LAB, SAS NAGAR

Water Works Complex, Phase- 2 , S.A.S NAGAR , Punjab  
mdlsasnagar@gmail.com

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PC-12772

## TEST REPORT

Name & Address of Customer : Sub Divisional Engineer Punjab W/s & Sewerage Sub Division , Barnala		Customer Reference No.	No : Letter No.568 Dated : 21/05/2024	
		Sample Submitted by	Ram Sagar	
		Date of Sample Receipt	22/05/2024	
		Analysis Starting Date	22/05/2024	
		Analysis completion Date	29/05/2024	
Discipline : <b>Chemical Testing</b>		Group: <b>Water</b>		
ULR No.:	TC12772240000078F	Sample Type :	Water	
Test Report No.:	RWTLAS/2425/00061	Date of Issue :	13/06/2024	
Registration no.:	RWTLAS/REG2425/00271	Condition of Sample :	Unsealed	
Collection Point:	Distribution Point(Near Bus stand,School,Gurudwara,etc)	Quantity/Type of Bottle:	1000 ml / Plastic Bottles	
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	9GGX+253, Bansawala Morcha Road, Barnala / NA	
Village :	Not Mentioned	Habitation :	Not Mentioned	
Block:	Not Mentioned	District :	Barnala	
Latitude :	30.374989	Longitude:	75.548002	

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.83@25°C	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	<5	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	Taste	NT	Agreeable	Agreeable	--	IS 3025 (Part 8 – 2023)
5	TDS	789	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
6	Turbidity	0.98	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
7	Alkalinity(CaCO3)	420	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
8	Hardness(CaCO3)	252	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
9	Calcium(Ca)	30.46	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
10	Magnesium(Mg)	42.77	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
11	Chloride(Cl)	150	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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- \* Value not available or test not performed for this parameter.
- Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

Mr. Manik Kataria  
Sr. Chemist  
Authorized Signatory  
For, Regional Water Testing Lab  
SAS Nagar

TRUE COPY

  
ADVOCATE

End of the Test Report

**REGIONAL WATER TESTING LAB, SANGRUR**  
Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtsangrur@gmail.com

**TEST REPORT**

TC-12980

Name & Address of Customer : <b>Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala</b> <b>Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala</b>		Customer Reference No.	No : 717 Dated : 19/07/2024			
		Sample Submitted by	Gurjinder Singh JE			
		Date of Sample Receipt	19/07/2024			
		Analysis Starting Date	19/07/2024			
		Analysis completion Date	22/07/2024			
Discipline :		Group: <b>Water</b>				
ULR No.:	TC129902400000183F	Sample Type :	Water			
Test Report No.:	RWTL/SNG/2425/00761	Date of Issue :	29/07/2024			
Registration no.:	RWTL/SNG/REG2425/01022	Condition of Sample :	Sealed			
Collection Point:	Private Submersible	Quantity/Type of Bottle:	1000 ml / Plastic Bottles			
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	9GFX+JQF, Geeta Bhawan Rd, Barnala / NA			
Village :	Not Mentioned	Habitation :	Not Mentioned			
Block:	Not Mentioned	District :	Barnala			
Latitude :	30.374	Longitude:	75.549			
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.66	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	2	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	931	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
6	Alkalinity(CaCO <sub>3</sub> )	428	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
7	Hardness(CaCO <sub>3</sub> )	244	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
8	Calcium(Ca)	56	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium(Mg)	26	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
10	Chloride(Cl)	112	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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3. This report is not to be reproduce wholly or in part and can't be used as evidence in court of law.
4. Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed, ND=Not Detected)
5. \* Value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab  
Sangrur

----- End of the Test Report -----

**REGIONAL WATER TESTING LAB, SANGRUR**  
 Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
 rwtlsangrur@gmail.com



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TC-12090

**TEST REPORT**

Name & Address of Customer : <b>Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala</b> <b>Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala</b>		Customer Reference No.	No : 717 Dated : 19/07/2024	
		Sample Submitted by	Gurjinder Singh JE	
		Date of Sample Receipt	19/07/2024	
		Analysis Starting Date	19/07/2024	
		Analysis completion Date	22/07/2024	
Discipline :		Group: <b>Water</b>		
ULR No.:	TC129902400000183F	Sample Type :	Water	
Test Report No.:	RWTL/SNG/2425/00761	Date of Issue :	29/07/2024	
Registration no.:	RWTL/SNG/REG2425/01023	Condition of Sample :	Unsealed	
Collection Point:	Private Submersible	Quantity/Type of Bottle:	1000 ml / Plastic Bottles	
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	9GFX+HF9, Barnala / NA	
Village :	Not Mentioned	Habitation :	Not Mentioned	
Block:	Not Mentioned	District :	Barnala	
Latitude :	30.374	Longitude:	75.548	

Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.63	6.5-8.5	No Relaxation	-	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	2	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	-	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	906	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
5	Alkalinity(CaCO3)	412	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
7	Hardness(CaCO3)	208	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
8	Calcium(Ca)	45	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium(Mg)	23	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
10	Chloride(Cl)	104	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

This Report is issued under the following terms & Condition :

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- Abbreviation used (TDS = Total Dissolved Solids, mg/l = milligram per liter, BDL = Below detection limit, APHA = American Public Health Association, IS = Indian Standard, NT = Not Tested, NA = Not Applicable NTU = Nephelometric Turbidity Unit, RA = Reaffirmed, ND=Not Detected)
- \* Value not available or test not performed for this parameter.
- Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

**Dr. Ramesh Jhorar**  
**Quality Manager**  
**Authorized Signatory**  
**For, Regional Water Testing Lab**  
**Sangrur**

----- End of the Test Report -----

**REGIONAL WATER TESTING LAB, SANGRUR**  
Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtsangrur@gmail.com



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TC-12893

**TEST REPORT**

Name & Address of Customer : <b>Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala</b> <b>Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala</b>		Customer Reference No.	<b>No : 717 Dated : 19/07/2024</b>			
		Sample Submitted by	<b>Gurjinder Singh JE</b>			
		Date of Sample Receipt	<b>19/07/2024</b>			
		Analysis Starting Date	<b>19/07/2024</b>			
		Analysis completion Date	<b>22/07/2024</b>			
Discipline :		Group: <b>Water</b>				
ULR No.:	<b>TC129902400000183F</b>	Sample Type :	<b>Water</b>			
Test Report No.:	<b>RWTL/SNG/2425/00761</b>	Date of Issue :	<b>29/07/2024</b>			
Registration no.:	<b>RWTL/SNG/REG2425/01024</b>	Condition of Sample :	<b>Unsealed</b>			
Collection Point:	<b>Private Submersible</b>	Quantity/Type of Bottle:	<b>1000 ml / Plastic Bottles</b>			
Scheme/Source:	<b>Not Mentioned(Not Mentioned)</b>	Location/Depth :	<b>9GFX+866, Gurudwara Street, Barnala / NA</b>			
Village :	<b>Not Mentioned</b>	Habitation :	<b>Not Mentioned</b>			
Block:	<b>Not Mentioned</b>	District :	<b>Barnala</b>			
Latitude :	<b>30.373</b>	Longitude:	<b>75.548</b>			
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.63	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	2	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	<b>883</b>	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
6	Alkalinity(CaCO <sub>3</sub> )	<b>400</b>	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
7	Hardness(CaCO <sub>3</sub> )	200	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
8	Calcium(Ca)	40	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium(Mg)	24	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
10	Chloride(Cl)	100	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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- \* Value not available or test not performed for this parameter.
- Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab  
Sangrur

----- End of the Test Report -----

**REGIONAL WATER TESTING LAB, SANGRUR**  
Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtlsangrur@gmail.com



TC-12880

**TEST REPORT**

Name & Address of Customer : <b>Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala</b> <b>Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala</b>		Customer Reference No.	No : 717 Dated : 19/07/2024			
		Sample Submitted by	Gurjinder Singh JE			
		Date of Sample Receipt	19/07/2024			
		Analysis Starting Date	19/07/2024			
		Analysis completion Date	22/07/2024			
Discipline :		Group: <b>Water</b>				
ULR No.:	TC129902400000183F	Sample Type :	Water			
Test Report No.:	RWTL/SNG/2425/00761	Date of Issue :	29/07/2024			
Registration no.:	RWTL/SNG/REG2425/01025	Condition of Sample :	Unsealed			
Collection Point:	Private Submersible	Quantity/Type of Bottle:	1000 ml / Plastic Bottles			
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	9GFW+5VF, Handiaya Bazar Rd, Barnala / NA			
Village :	Not Mentioned	Habitation :	Not Mentioned			
Block:	Not Mentioned	District :	Barnala			
Latitude :	30.372	Longitude:	75.547			
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.88	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	3	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	884	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
5	Turbidity	0.63	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
6	Alkalinity(CaCO <sub>3</sub> )	400	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
7	Hardness(CaCO <sub>3</sub> )	204	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
8	Calcium(Ca)	40	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium(Mg)	25	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
10	Chloride(Cl)	102	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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5. \* Value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab  
Sangrur

----- End of the Test Report -----

**REGIONAL WATER TESTING LAB, SANGRUR**  
Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtlsangrur@gmail.com



TC-12890

22

TEST REPORT						
Name & Address of Customer : <b>Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala</b> <b>Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala</b>			Customer Reference No.		No : 717 Dated : 19/07/2024	
			Sample Submitted by		Gurjinder Singh JE	
			Date of Sample Receipt		19/07/2024	
			Analysis Starting Date		19/07/2024	
			Analysis completion Date		22/07/2024	
Discipline :			Group: <b>Water</b>			
ULR No.:	TC129902400000183F		Sample Type :		Water	
Test Report No.:	RWTL/SNG/2425/00761		Date of Issue :		29/07/2024	
Registration no.:	RWTL/SNG/REG2425/01026		Condition of Sample :		Unsealed	
Collection Point:	Private Submersible		Quantity/Type of Bottle:		1000 ml / Plastic Bottles	
Scheme/Source:	Not Mentioned(Not Mentioned)		Location/Depth :		9GCW+XVR, Barnala / NA	
Village :	Not Mentioned		Habitation :		Not Mentioned	
Block:	Not Mentioned		District :		Barnala	
Latitude :	30.373		Longitude:		75.547	
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	pH	7.23	6.5-8.5	No Relaxation	--	IS 3025 (Part 11-2022) Electrometric Method
2	Colour	2	5	15	CU	IS 3025(Part 4-2021) Visual Comparison Method
3	Odour	Agreeable	Agreeable	Agreeable	--	IS 3025 (Part 5 – 2018) (Second Revision)
4	TDS	1042	500	2000	mg/l	IS 3025 (Part 16-2023) Gravimetric Method
5	Turbidity	BDL	1	5	NTU	IS 3025 (Part 10-2023) Nephelometric Method
5	Alkalinity(CaCO <sub>3</sub> )	476	200	600	mg/l	IS 3025 (Part 23-2023) Indicator Method
7	Hardness(CaCO <sub>3</sub> )	312	200	600	mg/l	IS 3025 (Part 21- 2009)(RA 2019) EDTA Method
8	Calcium(Ca)	66	75	200	mg/l	IS 3025 (Part 40-1991) EDTA Titrimetric Method
9	Magnesium(Mg)	36	30	100	mg/l	APHA (24th Ed.2023) Method: 3500-Mg+2 B By Calculation Method
10	Chloride(Cl)	120	250	1000	mg/l	IS 3025 (Part 32-1988) Argentometric Method

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- \* Value not available or test not performed for this parameter.
- Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By

**Dr. Ramesh Jhorar**  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab  
Sangrur

----- End of the Test Report -----

TRUE COPY  
  
ADVOCATE

## REGIONAL WATER TESTING LAB, SANGRUR

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtlsangrur@gmail.com

23

## TEST REPORT

Name & Address of Customer : Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala		Customer Reference No.	No : 717 Dated : 19/07/2024			
		Sample Submitted by	Gurjinder Singh JE			
		Date of Sample Receipt	19/07/2024			
		Analysis Starting Date	19/07/2024			
		Analysis completion Date	22/07/2024			
Discipline : ,Bacteriological Testing		Group: Water				
ULR No.:		Sample Type :	Water			
Test Report No.:	RWTL/SNG/2425/00761	Date of Issue :	29/07/2024			
Registration no.:	RWTL/SNG/REG2425/01023	Condition of Sample :	Unsealed			
Collection Point:	Private Submersible	Quantity/Type of Bottle:	1000 ml / Plastic Bottles			
Scheme/Source:	Not Mentioned(Not Mentioned)	Location/Depth :	9GFX+HF9, Barnala / NA			
Village :	Not Mentioned	Habitation :	Not Mentioned			
Block:	Not Mentioned	District :	Barnala			
Latitude :	30.374	Longitude:	75.548			
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron(Fe)	BDL	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate(SO4)	270	200	400	mg/l	Spectrophotometric Method
3	Fluoride(F)	1.214	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate(NO3)	34.45	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Total Coliform(TC)	NC@35°C	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
6	E-Coli	ND@45°C	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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- \* Value not available or test not performed for this parameter.
- Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By



Dr. Ramesh Jhorar  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab  
Sangrur

End of the Test Report

**REGIONAL WATER TESTING LAB, SANGRUR**  
Prem-Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtsangrur@gmail.com

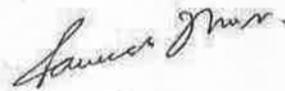
24

TEST REPORT						
Name & Address of Customer : Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala			Customer Reference No.		No : 717 Dated : 19/07/2024	
			Sample Submitted by		Gurjinder Singh JE	
			Date of Sample Receipt		19/07/2024	
			Analysis Starting Date		19/07/2024	
			Analysis completion Date		22/07/2024	
Discipline : ,Bacteriological Testing			Group: Water			
ULR No.:				Sample Type :		Water
Test Report No.:		RWTL/SNG/2425/00761		Date of Issue :		29/07/2024
Registration no.:		RWTL/SNG/REG2425/01024		Condition of Sample :		Unsealed
Collection Point:		Private Submersible		Quantity/Type of Bottle:		1000 ml / Plastic Bottles
Scheme/Source:		Not Mentioned(Not Mentioned)		Location/Depth :		9GFX+866, Gurudwara Street, Barnala / NA
Village:		Not Mentioned		Habitation :		Not Mentioned
Block:		Not Mentioned		District :		Barnala
Latitude :		30.373		Longitude:		75.548
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron(Fe)	BDL	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate(SO4)	270	200	400	mg/l	Spectrophotometric Method
3	Fluoride(F)	1.116	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate(NO3)	41.46	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Total Coliform(TC)	ND@35°C	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
6	E-Coli	ND@45°C	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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5. \* Value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By



Dr. Ramesh Jhorar  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab  
Sangrur

----- End of the Test Report -----

## REGIONAL WATER TESTING LAB, SANGRUR

Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtlsangrur@gmail.com

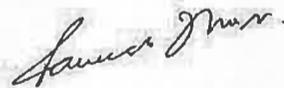
25

TEST REPORT						
Name & Address of Customer : Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala			Customer Reference No.		No : 717 Dated : 19/07/2024	
			Sample Submitted by		Gurjinder Singh JE	
			Date of Sample Receipt		19/07/2024	
			Analysis Starting Date		19/07/2024	
			Analysis completion Date		22/07/2024	
Discipline : ,Bacteriological Testing			Group: Water			
ULR No.:				Sample Type :		Water
Test Report No.:		RWTL/SNG/2425/00761		Date of Issue :		29/07/2024
Registration no.:		RWTL/SNG/REG2425/01025		Condition of Sample :		Unsealed
Collection Point:		Private Submersible		Quantity/Type of Bottle:		1000 ml / Plastic Bottles
Scheme/Source:		Not Mentioned(Not Mentioned)		Location/Depth :		9GFW+5VF, Handiaya Bazar Rd, Barnala / NA
Village :		Not Mentioned		Habitation :		Not Mentioned
Block:		Not Mentioned		District :		Barnala
Latitude :		30.372		Longitude:		75.547
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron(Fe)	BDL	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate(SO4)	260	200	400	mg/l	Spectrophotometric Method
3	Fluoride(F)	1.105	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate(NO3)	41.98	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Total Coliform(TC)	ND@35°C	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method
6	E-Coli	ND@45°C	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml.	IS-1622 MPN Method

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5. \* value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By



Dr. Ramesh Jhorar  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab  
Sangrur

----- End of the Test Report -----

**REGIONAL WATER TESTING LAB, SANGRUR**  
Prem Basti, D. C Office Road, Opposite to Punjab Gramin Bank, Sangrur  
rwtsangrur@gmail.com

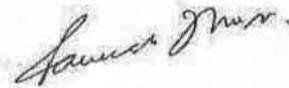
26

TEST REPORT						
Name & Address of Customer : Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala Sub Division Engineer Punjab Water Supply and Sewerage Sub Division, Barnala			Customer Reference No.		No : 717 Dated : 19/07/2024	
			Sample Submitted by		Gurjinder Singh JE	
			Date of Sample Receipt		19/07/2024	
			Analysis Starting Date		19/07/2024	
			Analysis completion Date		22/07/2024	
Discipline : ,Bacteriological Testing			Group: Water			
ULR No.:				Sample Type :		Water
Test Report No.:		RWTL/SNG/2425/00761		Date of Issue :		29/07/2024
Registration no.:		RWTL/SNG/REG2425/01026		Condition of Sample :		Unsealed
Collection Point:		Private Submersible		Quantity/Type of Bottle:		1000 ml / Plastic Bottles
Scheme/Source:		Not Mentioned(Not Mentioned)		Location/Depth :		9GCW+XVR, Barnala / NA
Village :		Not Mentioned		Habitation :		Not Mentioned
Block:		Not Mentioned		District :		Barnala
Latitude :		30.373		Longitude:		75.547
Sr. No	Parameter	Result	As per IS-10500:2012 (2nd Rev.)		Unit	Reference Method :
			Acceptable Limit	Permissible Limit		
1	Iron(Fe)	BDL	1.0	No Relaxation	mg/l	Spectrophotometric Method
2	Sulphate(SO4)	380	200	400	mg/l	Spectrophotometric Method
3	Fluoride(F)	1.191	1.0	1.5	mg/l	APHA 4500 F-(23rd Ed. 2017)/IS-3025 (Part-60)
4	Nitrate(NO3)	45.60	45	No Relaxation	mg/l	Spectrophotometric Method/ APHA 4500 NO3-(23rd Ed. 2017)
5	Total Coliform(TC)	ND@35°C	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml	IS-1622 MPN Method
6	E-Coli	ND@45°C	Shall not be detectable in any 100 ml sample	No relaxation	MPN/100 ml	IS-1622 MPN Method

This Report is issued under the following terms & Condition :

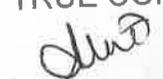
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5. \* Value not available or test not performed for this parameter.
6. Temperature condition limit: 25±5°C and Humidity condition limit:50 ±20%

Reviewed and Approved By



Dr. Ramesh Jhorar  
Quality Manager  
Authorized Signatory  
For, Regional Water Testing Lab  
Sangrur

----- End of the Test Report -----

TRUE COPY  
  
ADVOCATE



**EXECUTIVE ENGINEER**  
**PUNJAB WATER SUPPLY & SEWERAGE DIVISION, Barnala**  
 (Pakka College Road, Near Old Bus Stand, Barnala, Punjab 148101)  
 Email-ID – [cepwssdbnl@gmail.com](mailto:cepwssdbnl@gmail.com)

To

✓ M/s H & G Enterprises,  
 Near Mata Sundri Girls,  
 Collage New Court Road, Mansa.  
 Mobile No. 94637-08054  
 Email ID: [handgenterprises997@gmail.com](mailto:handgenterprises997@gmail.com)

No. 1274 Dated 12/07/2024

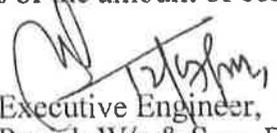
**Subject:- Providing Replacement Water Supply Lines House Connections & all other works Contingent thereto at Ward No. 15, Barnala, Distt. Barnala.**  
**App.Cost: Rs. 2,34,18,600.00**

As per approval accorded by Tender Scrutiny & Approval committee meeting (costing below Rs. 5.00 Crore) held on 11.07.2024 under the chairmanship of EIC-TA Punjab Water Supply & Sewerage Board & minutes issued vide Head Office Letter no. PWSSB/D-III/2024/12677-81 Dt. 12.07.2024 and Head Office endst No. PWSSB/D-III/2024/12719 dt 12.07.2024 and Chief Engineer (East), Pb. W/S & Sew. Board, Patiala Endst. no. 1113-1114 Dt. 12.07.2024 and Superintending Engineer, Punjab Water Supply and Sewerage Circle, Ludhiana Endst no. 1289 Dt. 12.07.2024, your tender dated 09.07.2024 has been accepted and the subject cited work is hereby allotted to you at the following rates, terms and conditions of approved DNIT with a time limit of 5 (Five) months. The official date of commencement of the work will be reckoned as the date of allotment.

Sr. No.	Description	Rate
1.	All items of DNIT	@ (-) 8.00 % (Eight point Zero Zero Percent) Below the rates exhibited in the schedule of items of work appended in the approved DNIT. <b>For example</b> Exhibited completed Rate of schedule of                    x $\left\{ \frac{100 - 8.00}{100} \right\}$ Items of work

You are requested to contact the Sub Divisional Engineer, Punjab W/S & Sewerage Sub Division, Barnala for taking the nishan of Work. Your contract agreement is under preparation in this office, which may be signed before taking the work in hand.

You are also requested to furnish performance security to cover the amount of liquidated damages and or the compensation of breach of contract within 21 days of receipt of letter of acceptance in form of a Bank Guarantee an amount of 5% of the amount of contract.

  
 Executive Engineer,  
 Punjab W/s & Sew. Divn,  
 Barnala.

Endst No.

Dated

A copy of the above is forwarded to the followings for information & necessary action, please :-

1. Chief Executive Office, Punjab W/S & Sew. Board, Chandigarh.
2. Engineer in Chief-cum-Technical Advisor, Punjab W/S & Sew. Board, Chandigarh.
3. Chief Engineer (East) Punjab W/S & Sew. Board, Patiala w.r.t his office letter No. 1113-1114 dt. 12.07.2024.
4. Superintending Engineer, Pb. W/S & Sew. Circle, Ludhiana w.r.t his office Endst. No. 1289 dt. 12.07.2024.
5. Sub Divisional Engineer, Pb. W/S & Sew. Sub. Divn. Barnala for information & necessary action. He is requested to give Nishans to the agency at Site and he should also ensure that the contractor has signed contract agreement before the work is taken in hand

-sd-  
Executive Engineer,  
Punjab W/s & Sew. Divn,  
Barnala.

TRUE COPY  
*duo*  
ADVOCATE

**PUNJAB WATER SUPPLY & SEWERAGE BOARD  
PLOT NO. 1-B, SECTOR-27-A, CHANDIGARH**

29

From

Chief Executive Officer

To

Sh. Hanish Mittal,  
Sub Divisional Engineer,  
Pb. W/s & Sew. Sub Division No. 2,  
Patiala

No. PWSSB/2024/QC/13325

Dated: 18/07/2024

Subject:

**Inspection of Material**

**Inspection of Equipment/Goods for providing, replacement water supply lines, house connections and all other works contingent thereto at Ward No.15, Barnala, Distt. Barnala.**

Executive Engineer, Punjab W/S & Sew. Division, Barnala has brought to the notice of this office vide their letter No. 1288 dated 16.07.2024 that M/s H&G Enterprises, Mansa has requested vide their letter dated 15.07.2024 that the following material is ready for inspection. The quantity/ detail of material to be authorized is as under:-

**Inspection of Material**

Sr No.	Description of material with specification and make as mentioned in agreement	Quantity as per Approved BOQ of Approved DNIT	Quantity as per Revised Drawing Veted Design/ Site Requirement	Variation in Quantity from Approved DNIT (4-3)=5	Units	Quantity already authorized for inspection till date	Quantity received at site till date	Balance (7-8)=9	Quantity now to be authorized	Balance quantity to be authorized out of scope (3-7-10)=11	Place of Inspection	Remarks
1	Duct Pipe IS-4226 100mm ID	4175	4175	0	Mtr	0	0	0	4175	0	Jai Balaji Industries Limited, V/B- Banskopa P.O. Rajbendh Durgapur-713212 Burdwan	

You are hereby authorized to carry out the inspection of material in the factory premises, as per instruction issued by Chief Executive Officer, Punjab W/S & Sew. Board, Chandigarh vide letter No. 21515-31 dated 23.12.2022, 5791-5807 dated 22.02.2023 and letter no. 4198- 4224 dated 04.03.2024. It must be ensured that the inspection of material should be according to the specifications given in the DNIT & approved drawing of this work. You are also directed to send the copy of inspection note alongwith tests results to this office and to the concerned within 10 days after inspection. Observation sheets, process adopted, short videos/photographs of testing also be sent to concern Division Office. In case you are found faltering in the testing and passing of sub standard material, disciplinary action against you will be initiated.

  
 Superintending Engineer (Q.C.)

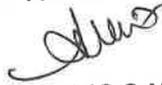
Endst No PWSSB/2024/QC/13326-28

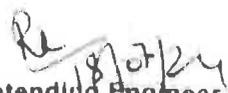
Dated: 18/07/2024

A copy of the above is forwarded to the followings:

1. Chief Engineer (East), Punjab W/S & Sewerage Board, Patiala for information and necessary action please
2. Superintending Engineer, Punjab W/S & Sewerage Circle, Ludhiana for information and necessary action please
3. Executive Engineer, Punjab W/S & Sew. Division, Barnala in reference to their letter No. 1288 dated 16.07.2024 for information and necessary action please. It must be ensured at your level that the inspection of material is carried out as per Agreement/ DNIT. You are also instructed to inform M/s H&G Enterprises, Mansa at your own level.

TRUE COPY

  
ADVOCATE

  
 Superintending Engineer (Q.C.)