Before the Hon'ble National Green Tribunal
New Delhi

Original Application No. 172 of 2021

Poonam Yadav

.....Appellants

Versus

M/s Ecogreen Energy Pvt. Ltd & Ors

.....Respondents

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Dated:- 15.05.2024

15/05/2024

Sh. Kuldeep Singh,
Regional Officer
HSPCB, Gurugram Region (North)

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Reply of Sh. Kuldeep Singh, Regional Officer on behalf of Haryana State Pollution Control Board, Panchkula

1. That the Hon'ble NGT passed order on dated 04.04.2024, the relevant part of which is reproduced as under:-

"2. Tribunal in the previous proceedings had taken note of the issue relating to testing of samples by Punjab Biotechnology Lab whereas Haryana State Pollution Control Board (HSPCB) has its own labs.

3. Report dated 03.04.2024 has been filed by HSPCB stating that when the leachate and water samples were taken, sample taking facility was not available, though, desired equipments were already purchased for the laboratory at Faridabad but it was not commissioned, therefore, samples were sent outside but subsequently, Laboratory at Faridabad has been commissioned on 28.02.2024, therefore, Board, henceforth, will conduct all testing of water and leachate in its own laboratory at Faridabad.

4. Report dated 03.04.2024 discloses that samples which were taken from different places have been found to be exceeding in various parameters including TDS, Faecal Coliform, Cadmium, Nitrate, Turbidity (NTU) etc.

6. It is also worth noting that during the rainy season, percolation of leachate from the landfill site will take place. Hence, proper arrangement is required to be made to prevent the spread of leachate /to channelize it. It has been submitted by Learned Counsel for Municipal Corporation, Gurugram that Municipal Corporation, Gurugram will take all possible appropriate steps to construct HDPE lining drain surrounding the landfill site (garland drain with embankment) to ensure that leachate does not spread and its percolation is also restricted.

7. Hence, we permit the HSPCB and Municipal Corporation, Gurugram to file a fresh action taken report keeping in view the observations made above atleast three days before the next date of hearing by e-mail at judicial-ngt@gov.in preferably in the form of searchable PDF/ OCR Support PDF and not in the form of Image PDF"

2. The Chairman, HSPCB has constituted a committee vide letter No. HSPCB/WC/2024/9395-9400 dated 14.02.2024 (**Annexure-1**) to visit the site and collect samples of Leachate for analysis as per norms.

3. **(A) Constituted committee has collected the water samples on 21.03.2024 of the following points within and outside Bandhwari landfill site in Gurugram:-**

   a) Govt. School, Baliawas (Ground water)
   b) Sh. Lala Ram House near School Village Bandhwari, Gurugram (Ground water)
   c) Teen Murti Hanuman Mandir Gurgaon Faridabad Road near Toll plaza, Gurugram (Ground water)
   d) Sansad Saheed Petrol Pump Faridabad Road, Gurugram (Ground water)
   e) Mandir village Bandhwari, Gurugram (Ground water)
   f) Sh. Anant Lal, Village Bandhwari, Gurugram (Ground water)
   g) Pond outside along peripheral wall (Leachate)
   h) Pond inside the site (Leachate)
   i) Pond near Gurugram Faridabad Road (Leachate)

   The water samples collected from the said points were sent to HSPCB Laboratory Faridabad and all the samples have been analyzed by said laboratory. The Analysis results of these samples are attached **Annexure R-2**.

a) Ground Water- Govt. School, Baliawas:-

The analysis results indicate that the values of parameters namely TDS & Nitrate have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-1 given below:-

Table-1

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Dissolved Solids	610	500
2	Nitrate as NO3	118	45

b) Ground Water - Sh. Lala Ram House, near School, Vill. Bandhwari, Gurugram:-

The analysis results indicate that the values of parameters namely TDS & Nitrate have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-2 given below:-

Table-2

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Dissolved Solids	1160	500
2	Nitrate as NO3	212	45

c) Ground Water - Teen Murti Hanuman Mandir, Gurugram Faridabad Road, near toll plaza, Gurugram:-

The analysis results indicate that the values of parameters namely TDS & Nitrate have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-3 given below:-

Table-3

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Dissolved Solids	690	500
2	Nitrate as NO3	56.8	45

d) Ground Water- Sansad Saheed Petrol Pump, Faridabad Road, Gurugram:-

The analysis results indicate that the values of parameters namely TDS, Total Hardness & Nitrate have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-4 given below:-

Table-4

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Dissolved Solids	1385	500
2	Total Hardness as CaCO3	384	300
3	Nitrate as NO3	115	45

e) Ground Water – Mandir Village Bandhwari, Gurugram:-

The analysis results indicate that the values of parameters found within prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-5 given below:-

Table-5

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Colour	Colorless	--
2	Odour	Odourless	--
3	pH	6.24	6.5-8.5
4	Total Dissolved Solids mg/l	460	500
5	Total Hardness as CaCO3	206	300
6	Chloride as CI mg/l	31.99	250
7	Sulphate as SO4	49	200
8	Nitrate as NO3	38	45
9	Arsenic	BDL(DL=0.005)	0.01
10	Cadmium mg/l	BDL(DL=0.001)	0.01
11	Hexavalent Chromium	BDL(DL=0.005)	0.05

12	Copper	BDL(DL=0.005)	0.05
13	Lead	BDL(DL=0.005)	0.05
14	Mercury as Hg	BDL(DL=0.0005)	0.01
15	Nickel	BDL(DL=0.005)	0.01
16	Iron	BDL(DL=0.01)	0.3
17	Zinc	0.46	5.0
18	Phenolic Compounds	BDL(DL=0.0006)	0.01

f) Ground Water - Submersible pump of Sh. Anant Lal, vill. Bandhwari, Gurugram:-

The analysis results indicate that the values of parameters namely TDS & Nitrate have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-6 given below:-

Table-6

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Dissolved Solids	720	500
2	Nitrate as NO3	140	45

g) Leachate- Pond outside along peripheral:-

The analysis results indicate that the values of parameters namely TDS, BOD and Chloride have been found higher than the prescribed limits as mentioned in Municipal Solid Waste Management Rules, 2016 (Schedule-II) for discharge on land, which are mentioned in the Table-7 given below:-

Table-7

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Total Suspended Solids mg/l	280	100
2	BOD	1750	30
3	COD	5975.2	250
4	Total Dissolved Solids mg/l	23710	2100

h) Leachate- Pond inside the site:-

The analysis results indicate that the values of parameters namely TDS, BOD and Chloride have been found higher than the prescribed limits as mentioned in Municipal Solid Waste Management Rules, 2016 (Schedule-II) for discharge on land, which are mentioned in the Table-8 given below:-

Table-8

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Total Suspended Solids mg/l	220	100

2	BOD	1250	30
3	COD	5509.6	250
4	Total Dissolved Solids mg/l	24610	2100

i) Leachate- Pond near Gurugram Faridabad Road:-

The analysis results indicate that the values of parameters namely TDS, BOD and Chloride have been found higher than the prescribed limits as mentioned in Municipal Solid Waste Management Rules, 2016 (Schedule-II) for discharge on land, which are mentioned in the Table-9 given below:-

Table-9

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	pH value	9.11	5.5-9.0
2	Total Suspended Solids mg/l	165	100
3	BOD	3100	30
4	COD	9544.8	250
5	Total Dissolved Solids mg/l	34270	2100

3 (B) A team of officer of HSPCB & MCG has collected the ground water samples on 19.01.2024 of the following points of the Bandhwari landfill site in Gurugram:-

a) Mandir (Teen Murti), Bandhwari, Gurugram (Ground water)

b) Hanuman Mandir, Bandhwari, Gurugram (Ground water)

c) Sh. Pawan, Bandhwari, Gurugram (Ground water)

d) Sh. Vipin Kalra, Bandhwari, Gurugram (Ground water)

The water samples collected from the said points were sent to HSPCB Laboratory, Gurugram and all the samples have been analyzed by said laboratory. The Analysis results of these samples are attached **Annexure R-3**.

a) Ground Water:- Mandir (Teen Murti), Bandhwari, Gurugram:-

The analysis results indicate that the values of parameters namely TDS & Total Hardness have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-10 given below:-

Table-10

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Total Dissolved Solids mg/l	530	500
2	Total Hardness as CaCO3 mg/l	308	300

b) Ground Water:- Hanuman Mandir, Bandhwari, Gurugram:-

The analysis results indicate that the values of parameters namely TDS & Total Hardness have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-11 given below:-

Table-11

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Total Dissolved Solids mg/l	535	500
2	Total Hardness as CaCO3 mg/l	776	300

c) Ground Water:- Sh. Pawan, Bandhwari, Gurugram:-

The analysis results indicate that the values of parameters namely TDS, Total Hardness & Nitrate have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-12 given below:-

Table-12

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Total Dissolved Solids mg/l	540	500
2	Total Hardness as CaCO3 mg/l	506	300
3	Nitrate as NO3	55	45

d) Ground Water:- Sh. Vipin Kalra, Bandhwari, Gurugram:-

The analysis results indicate that the values of parameters namely Total Hardness & Nitrate have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-13 given below:-

Table-13

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Total Hardness as CaCO3 mg/l	476	300
2	Nitrate as NO3	102	45

3 (C) A team of officer of HSPCB & MCG has collected the ground water samples on 23.01.2024 of the following points of the Bandhwari landfill site in Gurugram:-

a) Borewell from Police Station, Village Banger, Gurugram (Ground

water)

b) Borewell from Farm House, Village Banger, Gurugram (Ground water)

c) Borewell from Govt. School, Baliyawas, Gurugram (Ground water)

d) Borewell from Ram Mandir, Gawal Pahari, Gurugram (Ground water)

e) Borewell from village Mandir, Vidya Chowk, Mandir, Gurugram (Ground water)

The water samples collected from the said points were sent to HSPCB Laboratory, Gurugram and all the samples have been analyzed by said laboratory. The Analysis results of these samples are attached **Annexure R-4**.

a) Ground Water:- Borewell from Police Station, Village Banger, Gurugram:-

The analysis results indicate that the values of parameters namely TDS & Total Hardness have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-14 given below:-

Table-14

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Total Hardness as CaCO3 mg/l	552	300

b) Ground Water:- Borewell from Farm House, Village Banger, Gurugram:-

The analysis results indicate that the values of parameters namely TDS & Total Hardness have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-15 given below:-

Table-15

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Total Dissolved Solids mg/l	870	500
2	Total Hardness as CaCO3 mg/l	544	300

c) Ground Water:- Borewell from Govt. School, Baliyawas, Gurugram:-

The analysis results indicate that the values of parameters namely TDS, Total Hardness & Nitrate have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-16 given below:-

Table-16

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)

1	Total Dissolved Solids mg/l	530	500
2	Total Hardness as CaCO3 mg/l	514	300

d) Ground Water:- Borewell from Ram Mandir, Gawal Pahari, Gurugram:-

The analysis results indicate that the values of parameters namely Total Hardness & Nitrate have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-17 given below:-

Table-17

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Total Dissolved Solids mg/l	520	300
2	Total Hardness as CaCO3 mg/l	446	300

e) Ground Water:- Borewell from village Mandir, Vidya Chowk, Mandir, Gurugram:-

The analysis results indicate that the values of parameters namely Total Hardness & Nitrate have been found higher than the prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-18 given below:-

Table-18

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	Total Hardness as CaCO3 mg/l	438	300

3 (D) A team of officer of HSPCB & MCG has collected the ground water samples on 06.05.2024 of the following points:-

a) Tubewell from Village Manger, Gurugram (Ground water)

b) Tubewell from Ram Mandir Gawal Pahari, Gurugram (Ground water)

c) Tubewell from Village Baliawas, Gurugram (Ground water)

d) Tubewell from Mandi, Gurugram (Ground water)

e) Tubewell from Police Station, Village Manger, Gurugram (Ground water)

The ground water samples collected from the said points were sent to HSPCB Laboratory Faridabad and all the samples have been analyzed by said laboratory. The Analysis results of these samples are attached **Annexure R-5**.

a) Ground Water:- Tubewell from Village Manger, Gurugram:-

The analysis results indicate that the values of parameters found within prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-19 given below:-

Table-19

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	pH value	6.62	6.5-8.5
2	Total Dissolved Solids mg/l	475	500
3	Colour	Colorless	--
4	Odour	Odourless	--
5	Nickel as Ni mg/l	BDL*(DL**=0.005)	--
6	Chloride as CI mg/l	99.9	250
7	Copper as Cu mg/l	0.006	0.05
8	Arsenic mg/l	BDL*(DL**=0.005)	0.01
9	Mercury mg/l	BDL*(DL**=0.0005)	0.01
10	Lead mg/l	BDL*(DL**=0.005)	0.05
11	Cadmium mg/l	0.021	0.01
12	Zinc as Zn mg/l	1.173	5.0
13	Phenolic Compounds as C6H5OH mg/l	BDL*(DL**=0.0006)	0.001
14	Iron as Fe mg/l	BDL*(DL**=0.01)	0.3
15	Sulphate as SO4 mg/l	72	200
16	Nitrate as NO3 mg/l	32.24	45
17	Hexavalent Chromium as Cr+6 mg/l	BDL*(DL**=0.005)	0.05
18	Total Hardness as CaCO3 mg/l	200	300

b) Ground Water:- Tubewell from Ram Mandir Gawal Pahari, Gurugram:-

The analysis results indicate that the values of parameters found within prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-20 given below:-

Table-20

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	pH value	7.07	6.5-8.5
2	Total Dissolved Solids mg/l	355	500
3	Colour	Colorless	--
4	Odour	Odourless	--
5	Nickel as Ni mg/l	BDL*(DL**=0.005)	--
6	Chloride as CI mg/l	47.9	250
7	Copper as Cu mg/l	BDL*(DL**=0.005)	0.05
8	Arsenic mg/l	BDL*(DL**=0.005)	0.01
9	Mercury mg/l	BDL*(DL**=0.0005)	0.01

10	Lead mg/l	BDL*(DL**=0.005)	0.05
11	Cadmium mg/l	BDL*(DL**=0.001)	0.01
12	Zinc as Zn mg/l	0.459	5.0
13	Phenolic Compounds as C6H5OH mg/l	BDL*(DL**=0.0006)	0.001
14	Iron as Fe mg/l	BDL*(DL**=0.01)	0.3
15	Sulphate as SO4 mg/l	62	200
16	Nitrate as NO3 mg/l	18.61	45
17	Hexavalent Chromium as Cr^{+6} mg/l	BDL*(DL**=0.005)	0.05
18	Total Hardness as CaCO3 mg/l	150	300

c) Ground Water:- Tubewell from Village Baliawas, Gurugram:-

The analysis results indicate that the values of parameters found within prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-21 given below:-

Table-21

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	pH value	7.10	6.5-8.5
2	Total Dissolved Solids mg/l	350	500
3	Colour	Colorless	--
4	Odour	Odourless	--
5	Nickel as Ni mg/l	BDL*(DL**=0.005)	--
6	Chloride as CI mg/l	47.9	250
7	Copper as Cu mg/l	BDL*(DL**=0.005)	0.05
8	Arsenic mg/l	BDL*(DL**=0.005)	0.01
9	Mercury mg/l	BDL*(DL**=0.0005)	0.01
10	Lead mg/l	BDL*(DL**=0.005)	0.05
11	Cadmium mg/l	BDL*(DL**=0.001)	0.01
12	Zinc as Zn mg/l	0.376	5.0
13	Phenolic Compounds as C6H5OH mg/l	BDL*(DL**=0.0006)	0.001
14	Iron as Fe mg/l	BDL*(DL**=0.01)	0.3
15	Sulphate as SO4 mg/l	70	200
16	Nitrate as NO3 mg/l	14.90	45
17	Hexavalent Chromium as Cr+6 mg/l	BDL*(DL**=0.005)	0.05
18	Total Hardness as CaCO3 mg/l	156	300

d) Ground Water:- Tubewell from Mandi, Gurugram:-

The analysis results indicate that the values of parameters found within prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-22 given below:-

Table-22

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	pH value	7.26	6.5-8.5
2	Total Dissolved Solids mg/l	345	500
3	Colour	Colorless	--
4	Odour	Odourless	--
5	Nickel as Ni mg/l	BDL*(DL**=0.005)	--
6	Chloride as CI mg/l	45.9	250
7	Copper as Cu mg/l	BDL*(DL**=0.005)	0.05
8	Arsenic mg/l	BDL*(DL**=0.005)	0.01
9	Mercury mg/l	BDL*(DL**=0.0005)	0.01
10	Lead mg/l	BDL*(DL**=0.005)	0.05
11	Cadmium mg/l	BDL*(DL**=0.001)	0.01
12	Zinc as Zn mg/l	0.192	5.0
13	Phenolic Compounds as C6H5OH mg/l	BDL*(DL**=0.0006)	0.001
14	Iron as Fe mg/l	BDL*(DL**=0.01)	0.3
15	Sulphate as SO4 mg/l	74	200
16	Nitrate as NO3 mg/l	19.77	45
17	Hexavalent Chromium as Cr+6 mg/l	BDL*(DL**=0.005)	0.05
18	Total Hardness as CaCO3 mg/l	150	300

e) Ground Water:- Tubewell from Police Station, Village Manger, Gurugram:-

The analysis results indicate that the values of parameters found within prescribed limits as mentioned in IS 10500:2012, which are mentioned in the Table-23 given below:-

Table-23

Sr. No.	Parameters	Result (mg/l)	Prescribed limits (mg/l)
1	pH value	7.21	6.5-8.5
2	Total Dissolved Solids mg/l	315	500
3	Colour	Colorless	--
4	Odour	Odourless	--
5	Nickel as Ni mg/l	BDL*(DL**=0.005)	--
6	Chloride as CI mg/l	40.9	250
7	Copper as Cu mg/l	BDL*(DL**=0.005)	0.05
8	Arsenic mg/l	BDL*(DL**=0.005)	0.01
9	Mercury mg/l	BDL*(DL**=0.0005)	0.01
10	Lead mg/l	BDL*(DL**=0.005)	0.05
11	Cadmium mg/l	BDL*(DL**=0.001)	0.01
12	Zinc as Zn mg/l	0.174	5.0
13	Phenolic Compounds	BDL*(DL**=0.0006)	0.001

	as C6H5OH mg/l		
14	Iron as Fe mg/l	BDL*(DL**=0.01)	0.3
15	Sulphate as SO4 mg/l	64	200
16	Nitrate as NO3 mg/l	7.21	45
17	Hexavalent Chromium as Cr+6 mg/l	BDL*(DL**=0.005)	0.05
18	Total Hardness as CaCO3 mg/l	116	300

The water samples collected from the borewells (Ground water), the water of which is being used for drinking purposes, from 17 points as mentioned in Tables 1 to 4, 6 to 9, 10 to 13 & 14 to 18 indicate that various parameters as are higher than the permissible limits as mentioned in Drinking Water Standards (IS 10500 : 2012). Therefore, the water from these borewells should not be used for drinking purposes.

In view of the submission made above, this report may kindly be taken into the record please.

DA/As above

Sh. Kuldeep Singh,
Regional Officer,
HSPCB, Gurugram Region (North)

Dated 15.05.2024

HARYANA STATE POLLUTION CONTROL BOARD
C-11, SECTOR-6, PANCHKULA
Ph-0172-577870-73, Fax No. 2581201
E-mail: hspcbeo@gmail.com

LiFE

Office Order

The complaints are being received regarding mismanagement of leachate from solid waste disposal site of Bandhwari (Gurugram). Therefore, the committee of following officers is hereby constituted to visit the site and collect samples of leachate for analysis as per norms.

1. Sh. Balraj Singh, CEE
2. Sh. Naveen Gulia, SEE
3. Sh. Vikas Chand, EE
4. Sh. Sunil Sheoran, Sc'C', Lab Incharge, Faridabad
5. Sh. Ram Niwas, Sc'B'
6. Sh. Piyush, Sc'B'

Dated Panchkula the,
14th February, 2024

P. Raghavendra Rao
Chairman

Endst. No. HSPCB/WC/2024/ 9395-9400 **Dated:-** 14/02/24

A copy of the above is forwarded to the following for information and further necessary action please.

1. Sh. Balraj Singh, CEE
2. Sh. Naveen Gulia, SEE
3. Sh. Vikas Chand, EE
4. Sh. Sunil Sheoran, Sc'C', Lab Incharge, Faridabad
5. Sh. Ram Niwas, Sc'B'
6. Sh. Piyush, Sc'B'

Superintendent (WC)
For Chairman

REGIONAL LABORATORY
Haryana State Pollution Control Board
Sector-16A, Opp. EVO Apartment, Faridabad

1656

TEST REPORT

Test Report No.	:	2297 M (VI)
Date	:	01/04/2024
Issued To	:	Regional Officer, Gurgaon North/Member Secretary HSPCB
Sample Type	:	Ground Water
Sample collected on dated	:	21/03/2024
Sample Collected by	:	Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B'.
Sample received on dated	:	21/03/2024
Sample Location		Govt. School, Baliawas 28.424508° , 77.144700°
Sample Quantity	:	Unknown
Date of Analysis started	:	21/03/2024
Dated of analysis completed	:	01/04/2024

Sr. No.	Parameter	Protocol used	Result	Prescribed Limits	Unit
1.	Colour	----	Colorless	-----	
2.	Odour	----	Odourless	-----	
3.	pH	APHA 4500 H^+ B (24th Edition 2023)	7.84	6.5-8.5	----
4.	Dissolved Solids	APHA 2540-C (24th Edition 2023)	610	500	mg/L
5.	Total Hardness as $CaCO_3$	2340-C-Titrimetric Method (24th Edition 2023)	222	300	mg/L
6.	Chloride as Cl	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method	25.99	250	mg/L
7.	Sulphate as SO_4	4500 SO_4^{2-} - E-Turbidimetric Method (APHA 24th Edition 2023)	96	200	mg/L
8.	Nitrate as NO_3	4500- NO_3^- B-UV Spectrophotometric Method (APHA 24th Edition 2023)	118	45	mg/L
9.	Arsenic as As	3120-As- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.01	mg/L
10.	Cadmium as Cd	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.001)	0.01	mg/L
11.	Hexavalent Chromium as Cr^{+6}	APHA 3500-Cr (B) (24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
12.	Copper as Cu	3120-Cu- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
13.	Lead as Pb	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L

14.	Mercury as Hg	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.0005)	0.01	mg/L
15.	Nickel as Ni	3120-Ni Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	-----	mg/L
16.	Iron as Ni	3500-Fe-B- Phenanphroline Method (APHA 24th Edition 2023)	BDL (DL=0.01)	0.3	mg/L
17.	Zinc as Zn	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.0005)	5.0	mg/L
18.	Phenolic Compounds as C_6H_5OH mg/l	IS 3025 (Part-43) Sec 1-2022	BDL (DL=0.0006)	0.001	mg/L

Notes:

1. The results relate only to the items tested.
2. The test report shall not be reproduced except in full without approval of the laboratory.
3. The results apply to the sample as received..
4. If sample not preserved, results may vary.

Sample analyzed by:

Varsha Sehrawat/Mohit Kumar
Analyst / Analyst

Narender Hooda, Sc-'B'
Regional Laboratory Faridabad

HSPCB/LAB/F/2024/ 23

Dated 1-4-24

REGIONAL LABORATORY
Haryana State Pollution Control Board
Sector-16A, Opp. HEWO Apartment, Faridabad

1658

TEST REPORT

Test Report No.	:	2297 M (V)
Date	:	28/03/2024
Issued To	:	Regional Officer, Gurgaon North/Member Secretary HSPCB
Sample Type	:	Ground Water
Sample collected on dated	:	21/03/2024
Sample Collected by	:	Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B'.
Sample received on dated	:	21/03/2024
Sample Location		Sh. Lala Ram House Near School Village Bandhwari Gurugram 28.410068° , 77.155278°
Sample Quantity	:	Unknown
Date of Analysis started	:	21/03/2024
Dated of analysis completed	:	28/03/2024

Sr. No.	Parameter	Protocol used	Result	Prescribed Limits	Unit
1.	Colour	----	Colorless	-----	
2.	Odour	----	Odourless	-----	
3.	pH	APHA 4500 H^+ B (24th Edition 2023)	7.58	6.5-8.5	----
4.	Dissolved Solids	APHA 2540-C (24th Edition 2023)	1160	500	mg/L
5.	Total Hardness as $CaCO_3$	2340-C-Titrimetric Method (24th Edition 2023)	280	300	mg/L
6.	Chloride as Cl	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method	149.95	250	mg/L
7.	Sulphate as SO_4	4500 SO_4^{2-} - E-Turbidimetric Method (APHA 24th Edition 2023)	65	200	mg/L
8.	Nitrate as NO_3	4500- NO_3^- B-UV Spectrophotometric Method (APHA 24th Edition 2023)	212	45	mg/L
9.	Arsenic as As	3120-As- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.01	mg/L
10.	Cadmium as Cd	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.001)	0.01	mg/L
11.	Hexavalent Chromium as Cr^{+6}	APHA 3500-Cr (B) (24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
12.	Copper as Cu	3120-Cu- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L

13.	Lead as Pb	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
14.	Mercury as Hg	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.0005)	0.01	mg/L
15.	Nickel as Ni	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	0.009	-----	mg/L
16.	Iron as Ni	3500-Fe-B- Phenanphroline Method (APHA 24th Edition 2023)	BDL (DL=0.01)	0.3	mg/L
17.	Zinc as Zn	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)	0.007	5.0	mg/L
18.	Phenolic Compounds as C_6H_5OH mg/l	IS 3025 (Part-43) Sec 1-2022	BDL (DL=0.0006)	0.001	mg/L

1659

Notes:

1. The results relate only to the items tested.
2. The test report shall not be reproduced except in full without approval of the laboratory.
3. The results apply to the sample as received..
4. If sample not preserved, results may vary.

Sample analyzed by:

Varsha Sehrawat/Mohit Kumar
Analyst / Analyst

Narender Hooda, Sc-'B'
Regional Laboratory Faridabad

HSPCB/LAB/F/2024/ 21

Dated 1-4-24

REGIONAL LABORATORY
Haryana State Pollution Control Board
Sector-16A, Opp. HEWO Apartment, Faridabad

TEST REPORT

Test Report No.	:	2297 M (IV)
Date	:	01/04/2024
Issued To	:	Regional Officer, Gurgaon North/Member Secretary HSPCB
Sample Type	:	Ground Water
Sample collected on dated	:	21/03/2024
Sample Collected by	:	Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B'.
Sample received on dated	:	21/03/2024
Sample Location		Teen Murti Hanuman Mandir, Gurgaon Faridabad Road Near Toll Plaza Gurugram 28.409472° , 77.169097°
Sample Quantity	:	Unknown
Date of Analysis started	:	21/03/2024
Dated of analysis completed	:	01/04/2024

Sr. No.	Parameter	Protocol used	Result	Prescribed Limits	Unit
1.	Colour	----	Colorless	-----	
2.	Odour	----	Odourless	-----	
3.	pH	APHA 4500 H^+ B (24th Edition 2023)	8.06	6.5-8.5	----
4.	Dissolved Solids	APHA 2540-C (24th Edition 2023)	690	500	mg/L
5.	Total Hardness as $CaCO_3$	2340-C-Titrimetric Method (24th Edition 2023)	248	300	mg/L
6.	Chloride as Cl	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method	87.97	250	mg/L
7.	Sulphate as SO_4	4500 SO_4^{2-} - E-Turbidimetric Method (APHA 24th Edition 2023)	42	200	mg/L
8.	Nitrate as NO_3	4500- NO_3^- B-UV Spectrophotometric Method (APHA 24th Edition 2023)	56.8	45	mg/L
9.	Arsenic as As	3120-As- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.01	mg/L
10.	Cadmium as Cd	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.001)	0.01	mg/L
11.	Hexavalent Chromium as Cr^{+6}	APHA 3500-Cr (B) (24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
12.	Copper as Cu	3120-Cu- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L

13.	Lead as Pb	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
14.	Mercury as Hg	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.0005)	0.01	mg/L
15.	Nickel as Ni	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	-----	mg/L
16.	Iron as Ni	3500-Fe-B- Phenanphroline Method (APHA 24th Edition 2023)	BDL (DL=0.01)	0.3	mg/L
17.	Zinc as Zn	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.0005)	5.0	mg/L
18.	Phenolic Compounds as C_6H_5OH mg/l	IS 3025 (Part-43) Sec 1-2022	BDL (DL=0.0006)	0.001	mg/L

Notes:

1. The results relate only to the items tested.
2. The test report shall not be reproduced except in full without approval of the laboratory.
3. The results apply to the sample as received..
4. If sample not preserved, results may vary.

Sample analyzed by:

Varsha Sehrawat/Mohit Kumar
Analyst / Analyst

Narender Hooda, Sc-'B'
Regional Laboratory Faridabad

HSPCB/LAB/F/2024/ 19

Dated 1-4-24

REGIONAL LABORATORY
Haryana State Pollution Control Board
Sector-16A, Opp. HEWO Apartment, Faridabad

TEST REPORT

Test Report No.	:	2297 M (III)
Date	:	01/04/2024
Issued To	:	Regional Officer, Gurgaon North/Member Secretary HSPCB
Sample Type	:	Ground Water
Sample collected on dated	:	21/03/2024
Sample Collected by	:	Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B'.
Sample received on dated	:	21/03/2024
Sample Location		Sansad Saheed Petrol Pump Pump Faridabad Road, Gurugram 28.404574°, 77.174845°
Sample Quantity	:	Unknown
Date of Analysis started	:	21/03/2024
Dated of analysis completed	:	01/04/2024

Sr. No.	Parameter	Protocol used	Result	Prescribed Limits	Unit
1.	Colour	----	Colorless	------	
2.	Odour	----	Odourless	------	
3.	pH	APHA 4500 H^+ B (24th Edition 2023)	6.56	6.5-8.5	----
4.	Dissolved Solids	APHA 2540-C (24th Edition 2023)	1385	500	mg/L
5.	Total Hardness as $CaCO_3$	2340-C-Titrimetric Method (24th Edition 2023)	384	300	mg/L
6.	Chloride as Cl	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method	208.9	250	mg/L
7.	Sulphate as SO_4	4500 SO_4^{2-} - E-Turbidimetric Method (APHA 24th Edition 2023)	122	200	mg/L
8.	Nitrate as NO_3	4500- NO_3^- B-UV Spectrophotometric Method (APHA 24th Edition 2023)	115	45	mg/L
9.	Arsenic as As	3120-As- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.01	mg/L
10.	Cadmium as Cd	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.001)	0.01	mg/L
11.	Hexavalent Chromium as Cr^{+6}	APHA 3500-Cr (B) (24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
12.	Copper as Cu	3120-Cu- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L

13.	Lead as Pb	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
14.	Mercury as Hg	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.0005)	0.01	mg/L
15.	Nickel as Ni	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	-----	mg/L
16.	Iron as Ni	3500-Fe-B- Phenanphroline Method (APHA 24th Edition 2023)	BDL (DL=0.01)	0.3	mg/L
17.	Zinc as Zn	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)	0.47	5.0	mg/L
18.	Phenolic Compounds as C_6H_5OH mg/l	IS 3025 (Part-43) Sec 1-2022	BDL (DL=0.0006)	0.001	mg/L

Notes:

1. The results relate only to the items tested.
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3. The results apply to the sample as received..
4. If sample not preserved, results may vary.

Sample analyzed by:

Varsha Sehrawat/Mohit Kumar
Analyst / Analyst

Narender Hooda, Sc-'B'
Regional Laboratory Faridabad

HSPCB/LAB/F/2024/ 17

Dated 1-4-24.

REGIONAL LABORATORY
Haryana State Pollution Control Board
Sector-16A, Opp. HEWO Apartment, Faridabad

TEST REPORT

Test Report No. : 2297 M (II)
Date : 01/04/2024
Issued To : Regional Officer, Gurgaon North/Member Secretary HSPCB
Sample Type : Ground Water
Sample collected on dated : 21/03/2024
Sample Collected by : Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B'.
Sample received on dated : 21/03/2024
Sample Location : Mandir Village Bandhwari Gurugram 28.423642° , 77.147977°
Sample Quantity : Unknown
Date of Analysis started : 21/03/2024
Dated of analysis completed : 01/04/2024

Sr. No.	Parameter	Protocol used	Result	Prescribed Limits	Unit
1.	Colour	----	Colorless	-----	
2.	Odour	----	Odourless	-----	
3.	pH	APHA 4500 H^+ B (24th Edition 2023)	6.24	6.5-8.5	----
4.	Dissolved Solids	APHA 2540-C (24th Edition 2023)	460	500	mg/L
5.	Total Hardness as $CaCO_3$	2340-C-Titrimetric Method (24th Edition 2023)	206	300	mg/L
6.	Chloride as Cl	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method	31.99	250	mg/L
7.	Sulphate as SO_4	4500 SO_4^{2-} - E-Turbidimetric Method (APHA 24th Edition 2023)	49	200	mg/L
8.	Nitrate as NO_3	4500- NO_3^- B-UV Spectrophotometric Method (APHA 24th Edition 2023)	38	45	mg/L
9.	Arsenic as As	3120-As- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.01	mg/L
10.	Cadmium as Cd	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.001)	0.01	mg/L
11.	Hexavalent Chromium as Cr^{+6}	APHA 3500-Cr (B) (24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
12.	Copper as Cu	3120-Cu- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
13.	Lead as Pb	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L

14.	Mercury as Hg	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.0005)	0.01	mg/L
15.	Nickel as Ni	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	-----	mg/L
16.	Iron as Ni	3500-Fe-B- Phenanphroline Method (APHA 24th Edition 2023)	BDL (DL=0.01)	0.3	mg/L
17.	Zinc as Zn	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)	0.46	5.0	mg/L
18.	Phenolic Compounds as C_6H_5OH mg/l	IS 3025 (Part-43) Sec 1-2022	BDL (DL=0.0006)	0.001	mg/L

Notes:

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2. The test report shall not be reproduced except in full without approval of the laboratory.
3. The results apply to the sample as received..
4. If sample not preserved, results may vary.

Sample analyzed by:

Varsha Sehrawat/Mohit Kumar
Analyst / Analyst

Narender Hooda, Sc-'B'
Regional Laboratory Faridabad

HSPCB/LAB/F/2024/ 15

Dated 1-4-24

REGIONAL LABORATORY
Haryana State Pollution Control Board
Sector-16A, Opp. HEWO Apartment, Faridabad

TEST REPORT

Test Report No.	:	2297 M (I)
Date	:	01/04/2024
Issued To	:	Regional Officer, Gurgaon North/Member Secretary HSPCB
Sample Type	:	Ground Water
Sample collected on dated	:	21/03/2024
Sample Collected by	:	Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B'.
Sample received on dated	:	21/03/2024
Sample Location		Submersible pump of Sh. Anant Lal Village Bandhwari Gurugram 28.410428° , 77.155194°
Sample Quantity	:	Unknown
Date of Analysis started	:	21/03/2024
Dated of analysis completed	:	01/04/2024

Sr. No.	Parameter	Protocol used	Result	Prescribed Limits	Unit
1.	Colour	----	Colorless	-----	
2.	Odour	----	Odourless	-----	
3.	pH	APHA 4500 H^+ B (24th Edition 2023)	7.52	6.5-8.5	----
4.	Dissolved Solids	APHA 2540-C (24th Edition 2023)	720	500	mg/L
5.	Total Hardness as $CaCO_3$	2340-C-Titrimetric Method (24th Edition 2023)	270	300	mg/L
6.	Chloride as Cl	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method	97.9	250	mg/L
7.	Sulphate as SO_4	4500 SO_4^{2-} - E-Turbidimetric Method (APHA 24th Edition 2023)	41	200	mg/L
8.	Nitrate as NO_3	4500- NO_3^- B-UV Spectrophotometric Method (APHA 24th Edition 2023)	140	45	mg/L
9.	Arsenic as As	3120-As- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.01	mg/L
10.	Cadmium as Cd	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.001)	0.01	mg/L
11.	Hexavalent Chromium as Cr^{+6}	APHA 3500-Cr (B) (24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
12.	Copper as Cu	3120-Cu- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L
13.	Lead as Pb	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	0.05	mg/L

14.	Mercury as Hg	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.0005)	0.01	mg/L
15.	Nickel as Ni	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)	BDL (DL=0.005)	-----	mg/L
16.	Iron as Ni	3500-Fe-B- Phenanphroline Method (APHA 24th Edition 2023)	BDL (DL=0.01)	0.3	mg/L
17.	Zinc as Zn	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)	0.003	5.0	mg/L
18.	Phenolic Compounds as C_6H_5OH mg/l	IS 3025 (Part-43) Sec 1-2022	BDL (DL=0.0006)	0.001	mg/L

Notes:

1. The results relate only to the items tested.
2. The test report shall not be reproduced except in full without approval of the laboratory.
3. The results apply to the sample as received..
4. If sample not preserved, results may vary.

Sample analyzed by:

Varsha Sehrawat/Mohit Kumar
Analyst / Analyst

Narender Hooda, Sc-'B'
Regional Laboratory Faridabad

HSPCB/LAB/F/2024/ 13

Dated 1-4-24

HARYANA STATE **PREVENT POLLUTION**

TC-11156

FORM J
(See Rule 36)

Report No.:-2296 (I)
Dated - March 29 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 21st day of March, 2024 from Sh. Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B', a sample of liquid effluent of M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond outside along peripheri wall) N 28°24', 1.03061" , E 77°10'3.57601", collected on 21.03.2024 from the Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond outside along peripheri wall) N 28°24', 1.03061" , E 77°10'3.57601", for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 21/03/2024 to 29/03/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond outside along peripheri wall) N 28°24',1.03061", E 77°10'3.57601"	Prescribed Limits	Test Method
1.	pH Value at 25°C	8.12	5.5-9.0	APHA 4500 H^+ B (24th Edition 2023)
2.	Conductivity µS/cm at 25°C	43100	----	APHA 2510 B (24th Edition 2023)
3.	Total Suspended Solids mg/l	280	100	APHA 2540 - D (24th Edition 2023)
4.	B.O.D.(5 Days at 20^0 C) mg/l	1750	30	APHA 5210-C (24th Edition 2023)
5.	Chemical Oxygen Demand mg/l	5975.2	250	APHA 5220-B (24th Edition 2023)
6.	Total Dissolved Solids mg/l	23710	2100	APHA 2540-C (24th Edition 2023)

The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on **29th day of March, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond outside along peripheri wall) N 28°24', 1.03061" , E 77°10'3.57601"

Endst. No. HSPCB/LAB/F/2024/ 11311

Dated: 29/03/2024

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

FORM J
(See Rule 36)

Report No.:-2296 (I)
Dated - March 29 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 21st day of March, 2024 from Sh. Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B', a sample of liquid effluent of M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond outside along peripheri wall) N 28°24', 1.03061" , E 77°10'3.57601", collected on 21.03.2024 from the Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond outside along peripheri wall) N 28°24', 1.03061" , E 77°10'3.57601", for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 21/03/2024 to 29/03/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond outside along peripheri wall) N 28°24',1.03061", E 77°10'3.57601"	Prescribed Limits	Test Method
7.	Colour	Blackish	----	----
8.	Odour	Bad	----	----
9.	Nickel as Ni mg/l	0.71	3.0	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
10.	Chloride as Cl mg/l	6443.5	1000	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method
11.	Fluoride mg/l	24.8	1.5	4500-F⁻D-SPADNS Method (APHA 24th Edition 2023)
12.	Copper as Cu mg/l	1.24	3.0	3120-Cu-Inductively Coupled Plasma Method (APHA 24th Edition 2023)
13.	Arsenic mg/l	0.071	0.2	3120-As-Inductively Coupled Plasma Method (APHA 24th Edition 2023)
14.	Mercury mg/l	ND	0.01	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)
15.	Lead mg/l	0.08	0.1	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)

16.	Cadmium mg/l	BDL* (MDL**=0.05)	2.0	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)
17.	Zinc as Zn mg/l	1.18	5.0	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)
18.	Ammonical Nitrogen as N mg/l	680.4	50	4500-NH_3 C-Titrimetric method
19.	Phenolic Compounds as C_6H_5OH mg/l	0.85	1.0	IS 3025 (Part-43) Sec 1-2022
20.	Total Kjeldahl Nitrogen (TKN) mg/l	1246.8	100	4500-N Org. - B (APHA 24th Edition 2023)
21.	Total Chromium as Cr^{+6} mg/l	0.97	2.0	3120-Cr-Inductively Coupled Plasma Method (APHA 24th Edition 2023)

BDL* = Below Detection Limit
MDL** = Detection Limit
The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.
Signed this on **29th day of March, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond outside along peripheri wall) N 28°24', 1.03061" , E 77°10'3.57601"

Endst. No. HSPCB/LAB/F/2024/ 11311 Dated: 29/03/2024

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

TC-11156

FORM J
(See Rule 36)

Report No.:-2296 (II)
Dated - March 29 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 21st day of March, 2024 from Sh. Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B', a sample of liquid effluent of M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond inside the site) N 28°24,'4.0122" , E 77°10'21.20448", collected on 21.03.2024 from the Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond inside the site) N 28°24,'4.0122" , E 77°10'21.20448", for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 21/03/2024 to 29/03/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond inside the site) N 28°24,'4.0122" , E 77°10'21.20448"	Prescribed Limits	Test Method
1.	pH Value at 25°C	7.13	5.5-9.0	APHA 4500 H^+ B (24th Edition 2023)
2.	Conductivity µS/cm at 25°C	67900	----	APHA 2510 B (24th Edition 2023)
3.	Total Suspended Solids mg/l	380	100	APHA 2540 - D (24th Edition 2023)
4.	B.O.D.(5 Days at 20^0 C) mg/l	2250	30	APHA 5210-C (24th Edition 2023)
5.	Chemical Oxygen Demand mg/l	10786.4	250	APHA 5220-B (24th Edition 2023)
6.	Total Dissolved Solids mg/l	35410	2100	APHA 2540-C (24th Edition 2023)

The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on **29th day of March, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond inside the site) N 28°24,'4.0122" , E 77°10'21.20448"

Endst. No. HSPCB/LAB/F/2024/ 11314 Dated: 29/03/2024

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

FORM J
(See Rule 36)

Report No.:-2296 (II)
Dated - March 29 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 21st day of March, 2024 from Sh. Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B', a sample of liquid effluent of M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond inside the site) N 28°24,'4.0122" , E 77°10'21.20448", collected on 21.03.2024 from the Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond inside the site) N 28°24,'4.0122" , E 77°10'21.20448", for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 21/03/2024 to 29/03/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond inside the site) N 28°24,'4.0122" , E 77°10'21.20448"	Prescribed Limits	Test Method
7.	Colour	Blackish	----	----
8.	Odour	Bad	----	----
9.	Nickel as Ni	1.10	3.0	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
10.	Chloride as Cl	9270.7	1000	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method
11.	Fluoride	23.54	1.5	4500-F⁻D-SPADNS Method (APHA 24th Edition 2023)
12.	Copper as Cu	1.78	3.0	3120-Cu- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
13.	Arsenic	0.084	0.2	3120-As- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
14.	Mercury	ND	0.01	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)
15.	Lead	0.09	0.1	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)

16.	Cadmium	BDL* (MDL**=0.02)	2.0	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)
17.	Zinc as Zn	1.38	5.0	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)
18.	Ammonical Nitrogen as N	1394.4	50	4500-NH_3 C-Titrimetric method
19.	Phenolic Compounds as C_6H_5OH mg/l	0.99	1.0	IS 3025 (Part-43) Sec 1-2022
20.	Total Kjeldahl Nitrogen (TKN)	2409.72	100	4500-N Org. - B (APHA 24th Edition 2023)
21.	Total Chromium as Cr^{+6}	0.87	2.0	3120-Cr-Inductively Coupled Plasma Method (APHA 24th Edition 2023)

BDL* = Below Detection Limit
MDL** = Detection Limit
The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.
Signed this on **29th day of March, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond inside the site) N 28°24,'4.0122" , E 77°10'21.20448"

Endst. No. HSPCB/LAB/F/2024/ 11314 Dated: 29/03/2024

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

TC-11156

FORM J
(See Rule 36)

Report No.:-2296 (V)
Dated - March 29 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 21st day of March, 2024 from Sh. Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B'., a sample of liquid effluent of M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond Near Gurugram Faridabad Road) N 28°24',14.99148" , E 77°10'15.6414", collected on 21.03.2024 from the Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond Near Gurugram Faridabad Road) N 28°24',14.99148" , E 77°10'15.6414", for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 21/03/2024 to 29/03/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond Near Gurugram Faridabad Road) N 28°24',14.99148",E 77°10'15.6414"	Prescribed Limits	Test Method
1.	pH Value at 25°C	9.11	5.5-9.0	APHA 4500 H^+ B (24th Edition 2023)
2.	Conductivity µS/cm at 25°C	64600	----	APHA 2510 B (24th Edition 2023)
3.	Total Suspended Solids mg/l	165	100	APHA 2540 - D (24th Edition 2023)
4.	B.O.D.(5 Days at 20^0 C) mg/l	3100	30	APHA 5210-C (24th Edition 2023)
5.	Chemical Oxygen Demand mg/l	9544.8	250	APHA 5220-B (24th Edition 2023)
6.	Total Dissolved Solids mg/l	34270	2100	APHA 2540-C (24th Edition 2023)

The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.
Signed this on **29th day of March, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond Near Gurugram Faridabad Road) N 28°24',14.99148",E 77°10'15.6414"

Endst. No. HSPCB/LAB/F/2024/ 11323 Dated: 29/03/2024

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

FORM J
(See Rule 36)

Report No.:-2296 (V)
Dated - March 29 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 21st day of March, 2024 from Sh. Sh. Balraj Ahlawat, Chief Engineer, Sh. Naveen Gulia, SEE, Sh. Sandeep Singh, R.O, Faridabad, Sh. Sunil Sheoran, Lab Incharge, Faridabad, Sh. Ramniwas Sharma, Lab Incharge, Gurgaon, Sh. Vikas Grewal, Sc-'B'., a sample of liquid effluent of M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond Near Gurugram Faridabad Road) N 28°24',14.99148" , E 77°10'15.6414", collected on 21.03.2024 from the Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond Near Gurugram Faridabad Road) N 28°24',14.99148" , E 77°10'15.6414", for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 21/03/2024 to 29/03/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond Near Gurugram Faridabad Road) N 28°24',14.99148",E 77°10'15.6414"	Prescribed Limits	Test Method
7.	Colour	Blackish	----	----
8.	Odour	Bad	----	----
9.	Nickel as Ni	0.77	3.0	3120-Ni-Inductively Coupled Plasma Method (APHA 24th Edition 2023)
10.	Chloride as Cl	7012.9	1000	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method
11.	Fluoride	24.98	1.5	4500-F⁻D-SPADNS Method (APHA 24th Edition 2023)
12.	Copper as Cu	0.77	3.0	3120-Cu-Inductively Coupled Plasma Method (APHA 24th Edition 2023)
13.	Arsenic	0.175	0.2	3120-As-Inductively Coupled Plasma Method (APHA 24th Edition 2023)
14.	Mercury	ND	0.01	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)

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	Lead	0.03	0.1	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)
16.	Cadmium	BDL* (MDL**=0.01)	2.0	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)
17.	Zinc as Zn	0.70	5.0	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)
18.	Ammonical Nitrogen as N	1136.8	50	4500-NH_3 C-Titrimetric method
19.	Phenolic Compounds as C_6H_5OH mg/l	0.72	1.0	IS 3025 (Part-43) Sec 1-2022
20.	Total Kjeldahl Nitrogen (TKN)	1793.2	100	4500-N Org. - B (APHA 24th Edition 2023)
21.	Total Chromium as Cr^{+6}	2.73	2.0	3120-Cr- Inductively Coupled Plasma Method (APHA 24th Edition 2023)

BDL* = Below Detection Limit
MDL** = Detection Limit
The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.
Signed this on **29th day of March, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Municipal Solid Waste Disposal Site at Bandhwari, Gurugram (Pond Near Gurugram Faridabad Road) N 28°24',14.99148",E 77°10'15.6414"

Endst. No. HSPCB/LAB/F/2024/ 11323 Dated: 29/03/2024

This test report relate only to the particular sample submitted for testing

Laboratory Of The 1677
Haryana State Pollution Control Board
Vikas Sadan Ist Floor Gurgaon
Tel-2332596

Paid / **Monitoring**

Description
Tubewell water samples from :-

1. Tubewell in the premises of Mandir (Teen Murti), Bandhwari Gurugram
2. Tubewell in premises of Hanuman Mandir, Bandhwari Gurugram
3. Tubewell in the land of Sh. Pawan, Bandhwari Gurugram
4. Tubewell in the land of Sh. Vipin Kalra, Bandhwari Gurugram

Report No: 523
Dated: 30.01.2024

Description of the Sample: - Received on 20.01.2024 samples of Tubewell Water from Sh. Aparnesh Kumar, Sc 'B', Sh. Harbir, Sarpanch, Sh. Sarjeet, JEE, MCG & Sh. OP Goyal, SBM collected on 19.01.2024.

ANALYSIS REPORT
RESULTS

Sr. No.	Parameters	(1)	(2)	(3)	(4)
1.	Colour	Colourless	Colourless	Colourless	Colourless
2.	Odour	Odourless	Odourless	Odourless	Odourless
3.	pH value	8.5	8.4	8.1	8.5
4.	Suspended Solids mg/l	05	07	08	10
5.	B.O.D. for 3 days at 27°C mg/l	ND	ND	ND	ND
6.	C.O.D. mg/l	04	ND	08	ND
7.	Oil & Grease mg/l	ND	ND	ND	ND
8.	Conductivity us/cm	1060	1070	1090	710
9.	Total Dissolved Solids mg/l	530	535	540	350
10.	Chlorides as Cl mg/l	54.1	322	160	87.0
11.	Sulphide as S mg/l	ND	ND	ND	ND
12.	Total Hardness as $CaCO_3$ mg/l	308	776	506	476
13.	Fluoride as F mg/l	0.4	0.6	0.4	0.4
14.	Iron as Fe mg/l	ND	ND	ND	ND
15.	Phosphate as P mg/l	ND	ND	ND	ND
16.	Nickel as Ni mg/l	ND	ND	ND	ND
17.	Total Chromium as Cr mg/l	ND	ND	ND	ND
18.	Calcium as Ca mg/l	68.0	204	112	74.0
19.	Magnesium mg/l	33.0	64.2	55.0	71.0
20.	Sulphate as SO_4 mg/l	16.0	67.0	28	23.0
21.	Sodium mg/l	72.6	117.0	76.0	70.0
22.	Dissolved Oxygen, mg/l	6.2	5.8	6.0	6.0
23.	Boron as B mg/l	ND	ND	ND	ND
24.	Nitrite (NO_2) mg/l	ND	ND	ND	ND
25.	Nitrate (NO_3) mg/l	12.0	40.0	55.0	102
26.	TKN (Total Kjeldhal Nitrogen) mg/l	ND	ND	ND	ND
27.	Turbidity NTU	3.2	0	0	04
28.	Fecal Coliform, MPN/100ml	ND	ND	ND	ND

Sample Collected/Not Collected by us
Sample Consumed in testing

HSPCB/Lab/GR/2024/ 2137
Copy to M.S./R.O.

LAB INCHARGE
Dated 30.1.24

Laboratory Of The
Haryana State Pollution Control Board
Vikas Sadan Ist Floor Gurgaon

Tel-2332596

1678

Paid / **Monitoring**

Description
Borewell water samples from :-

Report No: 525
Dated: 30.01.2024

1. Borewell from Police Station, Village-Banger, Gurugram
2. Borewell from Farm House, Village-Banger, Gurugram
3. Borewell from Govt. School, Baliyawas, Gurugram
4. Borewell from Ram Mandir, Gawal Pahri, Gurugram
5. Borewell from Village-Mandir, Vidya Chowk, Mandir, Gurugram

Description of the Sample: - Received on 23.01.2024 samples of Tubewell Water from Sh. Aparnesh Kumar, Sc 'B', Sh. Sarjeet, JEE, MCG & Sh. OP Goyal, SBM collected on 23.01.2024.

ANALYSIS REPORT

RESULTS

Sr. No	Parameters	(1)	(2)	(3)	(4)	(5)
1.	Colour	Colourless	Colourless	Colourless	Colourless	Colourless
2.	Odour	Odourless	Odourless	Odourless	Odourless	Odourless
3.	pH value	8.0	8.0	7.9	8.0	8.0
4.	Suspended Solids mg/l	08	07	10	21	08
5.	B.O.D. for 3 days at 27°C mg/l	ND	ND	ND	ND	ND
6.	C.O.D. mg/l	04	04	04	ND	04
7.	Oil & Grease mg/l	ND	ND	ND	ND	ND
8.	Conductivity us/cm	680	1750	960	1050	910
9.	Total Dissolved Solids mg/l	340	870	530	520	450
10.	Chlorides as Cl mg/l	78	79	153	154	57
11.	Sulphide as S mg/l	ND	ND	ND	ND	ND
12.	Total Hardness as $CaCO_3$ mg/l	552	544	514	446	438
13.	Fluoride as F mg/l	0.4	0.5	0.4	0.3	0.5
14.	Iron as Fe mg/l	ND	ND	ND	ND	ND
15.	Phosphate as P mg/l	ND	ND	ND	ND	ND
16.	Nickel as Ni mg/l	ND	ND	ND	ND	ND
17.	Total Chromium as Cr mg/l	ND	ND	ND	ND	ND
18.	Calcium as Ca mg/l	119	143	163	120	115
19.	Magnesium mg/l	61	45	25	34	36
20.	Sulphate as SO_4 mg/l	32	35	30	30	35
21.	Sodium mg/l	82	83	60	23	81
22.	Dissolved Oxygen, mg/l	5.8	6.0	5.7	5.9	6.1
23.	Boron as B mg/l	ND	ND	ND	ND	ND
24.	Nitrite (NO_2) mg/l	ND	ND	ND	ND	ND
25.	Nitrate (NO_3) mg/l	36	25	11	07	59
26.	TKN (Total Kjeldhal Nitrogen) mg/l	ND	ND	ND	ND	ND
27.	Turbidity NTU	02	0	07	02	04
28.	Fecal Coliform, MPN/100ml	ND	ND	ND	ND	ND

Sample Collected/Not Collected by us
Sample Consumed in testing

LAB INCHARGE

HSPCB/Lab/GR/2024/ 2139
Copy to M.S./R.O.

Dated 30.1.24

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HARYANA STATE **PREVENT POLLUTION**

TC-11156

FORM J
(See Rule 36)

Report No.:-142 (I)
Dated - May 15 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 07th day of May, 2024 from Sh. Aparnesh Kumar, Sc-'B' & Sh. Sunil JE, MCG a sample of liquid effluent of M/s Tubewell from Vill-Manger, 28.375191, 77174219, Gurgaon, collected on 06.05.2024 from the Tubewell from Vill-Manger, 28.375191, 77174219, Gurgaon, for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 07/05/2024 to 15/05/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	M/s Tubewell from Vill-Manger, 28.375191, 77174219, Gurgaon	Prescribed Limits	Test Method
1.	pH Value at 25°C	6.62	6.5-8.5	APHA 4500 H^+ B (24th Edition 2023)
2.	Total Dissolved Solids mg/l	475	500	APHA 2540-C (24th Edition 2023)

The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on **15th day of May, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Tubewell from Vill-Manger, 28.375191, 77174219, Gurgaon

Endst. No. HSPCB/LAB/F/2024/ 964

Dated: 15-5-24

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

FORM J
(See Rule 36)

Report No.:-142 (I)
Dated - May 15 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 07th day of May, 2024 from Sh. Aparnesh Kumar, Sc-'B' & Sh. Sunil JE, MCG a sample of liquid effluent of M/s Tubewell from Vill-Manger, 28.375191, 77174219, Gurgaon, collected on 06.05.2024 from the Tubewell from Vill-Manger, 28.375191, 77174219, Gurgaon, for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 07/05/2024 to 15/05/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	M/s Tubewell from Vill-Manger, 28.375191, 77174219, Gurgaon	Prescribed Limits	Test Method
3.	Colour	Colorless	----	----
4.	Odour	Odourless	----	----
5.	Nickel as Ni mg/l	BDL* (DL**=0.005)	----	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
6.	Chloride as Cl mg/l	99.9	250	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method
7.	Copper as Cu mg/l	0.006	0.05	3120-Cu- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
8.	Arsenic mg/l	BDL* (DL** =0.005)	0.01	3120-As- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
9.	Mercury mg/l	BDL* (DL** =0.0005)	0.01	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)
10.	Lead mg/l	BDL* (DL** =0.005)	0.05	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)
11.	Cadmium mg/l	0.021	0.01	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)
12.	Zinc as Zn mg/l	1.173	5.0	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)
13.	Phenolic Compounds as C_6H_5OH mg/l	BDL* (DL** =0.0006)	0.001	IS 3025 (Part-43) Sec 1-2022

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14.	Iron as Fe mg/l	BDL* (DL** =0.01)	0.3	3500-Fe-B-Phenanphroline Method (APHA 24th Edition 2023)
15.	Sulphate as SO_4 mg/l	72	200	4500 SO_4^{2-} - E-Turbidimetric Method (APHA 24th Edition 2023)
16.	Nitrate as NO_3 mg/l	32.24	45	4500- NO_3^- B-UV Spectrophotometric Method (APHA 24th Edition 2023)
17.	Hexavalent Chromium as Cr^{+6} mg/l	BDL* (DL** =0.005)	0.05	APHA 3500-Cr (B) (24th Edition 2023)
18.	Total Hardness as $CaCO_3$ mg/l	200	300	2340-C-Titrimetric Method (24th Edition 2023)

BDL* = Below Detection Limit
DL** = Detection Limit
The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.
Signed this on **15th day of May, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Tubewell from Vill-Manger, 28.375191, 77174219, Gurgaon

Endst. No. HSPCB/LAB/F/2024/ 964 Dated: 15-5-24

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

TC-11156

FORM J
(See Rule 36)

Report No.:-142 (II)
Dated - May 15 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 07th day of May, 2024 from Sh. Aparnesh Kumar, Sc-'B' & Sh. Sunil JE, MCG a sample of liquid effluent of M/s Tubewell from Ram Mandir Gawal Pahri, 28.431194, 77.151621, Gurgaon, collected on 06.05.2024 from the Tubewell from Ram Mandir Gawal Pahri, 28.431194, 77.151621, Gurgaon, for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 07/05/2024 to 15/05/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	M/s Tubewell from Ram Mandir Gawal Pahri, 28.431194, 77.151621, Gurgaon	Prescribed Limits	Test Method
1.	pH Value at 25°C	7.07	6.5-8.5	APHA 4500 H^+ B (24th Edition 2023)
2.	Total Dissolved Solids mg/l	355	500	APHA 2540-C (24th Edition 2023)

The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on **15th day of May, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Tubewell from Ram Mandir Gawal Pahri, 28.431194, 77.151621, Gurgaon

Endst. No. HSPCB/LAB/F/2024/ 967

Dated: 15-5-24

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

FORM J
(See Rule 36)

Report No.:-142 (II)
Dated - May 15 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 07th day of May, 2024 from Sh. Aparnesh Kumar, Sc-'B' & Sh. Sunil JE, MCG a sample of liquid effluent of M/s Tubewell from Ram Mandir Gawal Pahri, 28.431194, 77.151621, Gurgaon, collected on 06.05.2024 from the Tubewell from Ram Mandir Gawal Pahri, 28.431194, 77.151621, Gurgaon, for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 07/05/2024 to 15/05/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	M/s Tubewell from Ram Mandir Gawal Pahri, 28.431194, 77.151621, Gurgaon	Prescribed Limits	Test Method
3.	Colour	Colorless	----	----
4.	Odour	Odourless	----	----
5.	Nickel as Ni mg/l	BDL* (DL**=0.005)	----	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
6.	Chloride as Cl mg/l	47.9	250	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method
7.	Copper as Cu mg/l	BDL* (DL** =0.005)	0.05	3120-Cu-Inductively Coupled Plasma Method (APHA 24th Edition 2023)
8.	Arsenic mg/l	BDL* (DL** =0.005)	0.01	3120-As-Inductively Coupled Plasma Method (APHA 24th Edition 2023)
9.	Mercury mg/l	BDL* (DL** =0.0005)	0.01	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)
10.	Lead mg/l	BDL* (DL** =0.005)	0.05	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)
11.	Cadmium mg/l	BDL* (DL**=0.001)	0.01	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)
12.	Zinc as Zn mg/l	0.459	5.0	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)
13.	Phenolic Compounds as C_6H_5OH mg/l	BDL* (DL** =0.0006)	0.001	IS 3025 (Part-43) Sec 1-2022

14.	Iron as Fe mg/l	BDL* (DL** =0.01) 1684	0.3	3500-Fe-B-Phenanphroline Method (APHA 24th Edition 2023)
15.	Sulphate as SO_4 mg/l	62	200	4500 SO_4^{2-} - E-Turbidimetric Method (APHA 24th Edition 2023)
16.	Nitrate as NO_3 mg/l	18.61	45	4500- NO_3^- B-UV Spectrophotometric Method (APHA 24th Edition 2023)
17.	Hexavalent Chromium as Cr^{+6} mg/l	BDL* (DL** =0.005)	0.05	APHA 3500-Cr (B) (24th Edition 2023)
18.	Total Hardness as $CaCO_3$ mg/l	150	300	2340-C-Titrimetric Method (24th Edition 2023)

BDL* = Below Detection Limit
DL** = Detection Limit
The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.
Signed this on **15th day of May, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Tubewell from Ram Mandir Gawal Pahri, 28.431194, 77.151621, Gurgaon

Endst. No. HSPCB/LAB/F/2024/ 967 Dated: 15-5-24

This test report relate only to the particular sample submitted for testing

HARYANA STATE **PREVENT POLLUTION**

TC-11156

FORM J
(See Rule 36)

Report No.:-142 (III)
Dated - May 15 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 07th day of May, 2024 from Sh. Aparnesh Kumar, Sc-'B' & Sh. Sunil JE, MCG a sample of liquid effluent of M/s Tubewell Vill-Baliyawas, 28.424587, 77.144794, Gurgaon, collected on 06.05.2024 from the Tubewell Vill-Baliyawas, 28.424587, 77.144794, Gurgaon, for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 07/05/2024 to 15/05/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	M/s Tubewell Vill-Baliyawas, 28.424587, 77.144794, Gurgaon	Prescribed Limits	Test Method
1.	pH Value at 25°C	7.10	6.5-8.5	APHA 4500 H^+ B (24th Edition 2023)
2.	Total Dissolved Solids mg/l	350	500	APHA 2540-C (24th Edition 2023)

The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.
Signed this on **15th day of May, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Tubewell Vill-Baliyawas, 28.424587, 77.144794, Gurgaon

Endst. No. HSPCB/LAB/F/2024/ 970

Dated: 15-5-24

This test report relate only to the particular sample submitted for testing

HARYANA STATE **PREVENT POLLUTION**

FORM J
(See Rule 36)

Report No.:-142 (III)
Dated - May 15 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 07th day of May, 2024 from Sh. Aparnesh Kumar, Sc-'B' & Sh. Sunil JE, MCG a sample of liquid effluent of M/s Tubewell Vill-Baliyawas, 28.424587, 77.144794, Gurgaon, collected on 06.05.2024 from the Tubewell Vill-Baliyawas, 28.424587, 77.144794, Gurgaon, for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 07/05/2024 to 15/05/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	M/s Tubewell Vill-Baliyawas, 28.424587, 77.144794, Gurgaon	Prescribed Limits	Test Method
3.	Colour	Colorless	----	----
4.	Odour	Odourless	----	----
5.	Nickel as Ni mg/l	BDL* (DL**=0.005)	----	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
6.	Chloride as Cl mg/l	47.9	250	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method
7.	Copper as Cu mg/l	BDL* (DL** =0.005)	0.05	3120-Cu- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
8.	Arsenic mg/l	BDL* (DL** =0.005)	0.01	3120-As- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
9.	Mercury mg/l	BDL* (DL** =0.0005)	0.01	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)
10.	Lead mg/l	BDL* (DL** =0.005)	0.05	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)
11.	Cadmium mg/l	BDL* (DL**=0.001)	0.01	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)
12.	Zinc as Zn mg/l	0.376	5.0	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)
13.	Phenolic Compounds as C_6H_5OH mg/l	BDL* (DL** =0.0006)	0.001	IS 3025 (Part-43) Sec 1-2022

14.	Iron as Fe mg/l	BDL* (DL** =0.01) 1687	0.3	3500-Fe-B-Phenanphroline Method (APHA 24th Edition 2023)
15.	Sulphate as SO_4 mg/l	70	200	4500 SO_4^{2-} - E-Turbidimetric Method (APHA 24th Edition 2023)
16.	Nitrate as NO_3 mg/l	14.90	45	4500- NO_3^- B-UV Spectrophotometric Method (APHA 24th Edition 2023)
17.	Hexavalent Chromium as Cr^{+6} mg/l	BDL* (DL** =0.005)	0.05	APHA 3500-Cr (B) (24th Edition 2023)
18.	Total Hardness as $CaCO_3$ mg/l	156	300	2340-C-Titrimetric Method (24th Edition 2023)

BDL* = Below Detection Limit

DL** = Detection Limit

The condition of the seals, fastening and container on receipt was as follow:

Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on **15th day of May, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Tubewell Vill-Baliyawas, 28.424587, 77.144794, Gurgaon

Endst. No. HSPCB/LAB/F/2024/ 970

Dated: 15-5-24

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

TC-11156

FORM J
(See Rule 36)

Report No.:-142 (IV)
Dated - May 15 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 07th day of May, 2024 from Sh. Aparnesh Kumar, Sc-'B' & Sh. Sunil JE, MCG a sample of liquid effluent of M/s Tubewell of Mandi, 28.444002, 77.146782, Gurgaon, collected on 06.05.2024 from the Tubewell of Mandi, 28.444002, 77.146782, Gurgaon, for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 07/05/2024 to 15/05/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	M/s Tubewell of Mandi, 28.444002, 77.146782, Gurgaon	Prescribed Limits	Test Method
1.	pH Value at 25°C	7.26	6.5-8.5	APHA 4500 H^+ B (24th Edition 2023)
2.	Total Dissolved Solids mg/l	345	500	APHA 2540-C (24th Edition 2023)

The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on **15th day of May, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Tubewell of Mandi, 28.444002, 77.146782, Gurgaon

Endst. No. HSPCB/LAB/F/2024/ 973

Dated: 15-5-24

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

FORM J
(See Rule 36)

Report No.:-142 (IV)
Dated - May 15 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 07th day of May, 2024 from Sh. Aparnesh Kumar, Sc-'B' & Sh. Sunil JE, MCG a sample of liquid effluent of M/s Tubewell of Mandi, 28.444002, 77.146782, Gurgaon, collected on 06.05.2024 from the Tubewell of Mandi, 28.444002, 77.146782, Gurgaon, for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 07/05/2024 to 15/05/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	M/s Tubewell of Mandi, 28.444002, 77.146782, Gurgaon	Prescribed Limits	Test Method
3.	Colour	Colorless	----	----
4.	Odour	Odourless	----	----
5.	Nickel as Ni mg/l	BDL* (DL**=0.005)	----	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
6.	Chloride as Cl mg/l	45.9	250	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method
7.	Copper as Cu mg/l	BDL* (DL** =0.005)	0.05	3120-Cu- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
8.	Arsenic mg/l	BDL* (DL** =0.005)	0.01	3120-As- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
9.	Mercury mg/l	BDL* (DL** =0.0005)	0.01	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)
10.	Lead mg/l	BDL* (DL** =0.005)	0.05	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)
11.	Cadmium mg/l	BDL* (DL**=0.001)	0.01	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)
12.	Zinc as Zn mg/l	0.192	5.0	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)
13.	Phenolic Compounds as C_6H_5OH mg/l	BDL* (DL** =0.0006)	0.001	IS 3025 (Part-43) Sec 1-2022

14.	Iron as Fe mg/l	BDL* (DL** =0.01) 1690	0.3	3500-Fe-B-Phenanphroline Method (APHA 24th Edition 2023)
15.	Sulphate as SO_4 mg/l	74	200	4500 SO_4^{2-} - E-Turbidimetric Method (APHA 24th Edition 2023)
16.	Nitrate as NO_3 mg/l	19.77	45	4500- NO_3^- B-UV Spectrophotometric Method (APHA 24th Edition 2023)
17.	Hexavalent Chromium as Cr^{+6} mg/l	BDL* (DL** =0.005)	0.05	APHA 3500-Cr (B) (24th Edition 2023)
18.	Total Hardness as $CaCO_3$ mg/l	150	300	2340-C-Titrimetric Method (24th Edition 2023)

BDL* = Below Detection Limit
DL** = Detection Limit
The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.
Signed this on **15th day of May, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Tubewell of Mandi, 28.444002, 77.146782, Gurgaon

Endst. No. HSPCB/LAB/F/2024/ 973

Dated: 15-5-24

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

TC-11156

FORM J
(See Rule 36)

Report No.:-142 (V)
Dated - May 15 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 07th day of May, 2024 from Sh. Aparnesh Kumar, Sc-'B' & Sh. Sunil JE, MCG a sample of liquid effluent of M/s Tubewell of Police Station, Vill.-Manger, 28.406869, 77.192453, Gurgaon, collected on 06.05.2024 from the Tubewell of Police Station, Vill.-Manger, 28.406869, 77.192453, Gurgaon, for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 07/05/2024 to 15/05/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	M/s Tubewell of Police Station, Vill.-Manger, 28.406869, 77.192453, Gurgaon	Prescribed Limits	Test Method
1.	pH Value at 25°C	7.21	6.5-8.5	APHA 4500 H^+ B (24th Edition 2023)
2.	Total Dissolved Solids mg/l	315	500	APHA 2540-C (24th Edition 2023)

The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.

Signed this on **15th day of May, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Tubewell of Police Station, Vill.-Manger, 28.406869, 77.192453, Gurgaon

Endst. No. HSPCB/LAB/F/2024/ 976

Dated: 15-5-24

This test report relate only to the particular sample submitted for testing

HARYANA STATE

PREVENT POLLUTION

FORM J
(See Rule 36)

Report No.:-142 (V)
Dated - May 15 2024

I, hereby, certify that I Narender Hooda as Board Analyst, duly appointed under sub section (3) of section 53 of Water (Prevention and control of Pollution) Act, 1974(6 of 1974) received on the 07th day of May, 2024 from Sh. Aparnesh Kumar, Sc-'B' & Sh. Sunil JE, MCG a sample of liquid effluent of M/s Tubewell of Police Station, Vill.-Manger, 28.406869, 77.192453, Gurgaon, collected on 06.05.2024 from the Tubewell of Police Station, Vill.-Manger, 28.406869, 77.192453, Gurgaon, for analysis. The Sample was in a condition fit for analysis reported below:-

I further certify that I have analyzed the afore-mentioned sample on 07/05/2024 to 15/05/2024 and declare the result of analysis to be as follow:-

Sr. No.	Parameter	M/s Tubewell of Police Station, Vill.-Manger, 28.406869, 77.192453, Gurgaon	Prescribed Limits	Test Method
3.	Colour	Colorless	----	----
4.	Odour	Odourless	----	----
5.	Nickel as Ni mg/l	BDL* (DL**=0.005)	----	3120-Ni- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
6.	Chloride as Cl mg/l	40.9	250	IS 3025 (Part-32) :1988 (Reaffirmed 2014) Argentometric method
7.	Copper as Cu mg/l	BDL* (DL** =0.005)	0.05	3120-Cu- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
8.	Arsenic mg/l	BDL* (DL** =0.005)	0.01	3120-As- Inductively Coupled Plasma Method (APHA 24th Edition 2023)
9.	Mercury mg/l	BDL* (DL** =0.0005)	0.01	3120-Hg Inductively Coupled Plasma Method (APHA 24th Edition 2023)
10.	Lead mg/l	BDL* (DL** =0.005)	0.05	3120-Pb Inductively Coupled Plasma Method (APHA 24th Edition 2023)
11.	Cadmium mg/l	BDL* (DL**=0.001)	0.01	3120-Cd Inductively Coupled Plasma Method (APHA 24th Edition 2023)
12.	Zinc as Zn mg/l	0.174	5.0	3120-Zn Inductively Coupled Plasma Method (APHA 24th Edition 2023)
13.	Phenolic Compounds as C_6H_5OH mg/l	BDL* (DL** =0.0006)	0.001	IS 3025 (Part-43) Sec 1-2022

14.	Iron as Fe mg/l	BDL* (DL** =0.01)	0.3	3500-Fe-B-Phenanphroline Method (APHA 24th Edition 2023)
15.	Sulphate as SO_4 mg/l	64	200	4500 SO_4^{2-} - E-Turbidimetric Method (APHA 24th Edition 2023)
16.	Nitrate as NO_3 mg/l	7.21	45	4500- NO_3^- B-UV Spectrophotometric Method (APHA 24th Edition 2023)
17.	Hexavalent Chromium as Cr^{+6} mg/l	BDL* (DL** =0.005)	0.05	APHA 3500-Cr (B) (24th Edition 2023)
18.	Total Hardness as $CaCO_3$ mg/l	116	300	2340-C-Titrimetric Method (24th Edition 2023)

BDL* = Below Detection Limit
DL** = Detection Limit
The condition of the seals, fastening and container on receipt was as follow:
Container had its seals found intact in order; slip on the container had the signature of the representative of the industry and the board representative.
Signed this on **15th day of May, 2024**

Haryana State Pollution Control Board Laboratory,
Sector-16 A, Faridabad

Board Analyst

To

The Member Secretary, HSPCB, Panchkula/ Regional Office, HSPCB, Gurgaon North / M/s Tubewell of Police Station, Vill.-Manger, 28.406869, 77.192453, Gurgaon

Endst. No. HSPCB/LAB/F/2024/ 976 Dated: 15-5-24

This test report relate only to the particular sample submitted for testing