

BEFORE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI

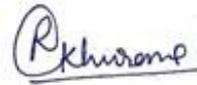
OA No. 923 of 2024

IN THE MATTER OF:

News Item titled "Delhi News बुराड़ीमेंयमुनानदीकिनारेमृतअवस्थामेंमिलीहजारों
मछलिया , दुर्गंधसेग्रामीणपरेशान " appearing in Jagran.com dated 04.07.2024

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| Sr. No. | Particular | Page No. |
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| 1. | Reply in compliance of Hon'ble NGT (Principal Bench) order dated 21.02.2025 in the matter of O.A. No. 923/2024 titled as News Item titled "Delhi News बुराड़ीमेंयमुनानदीकिनारेमृतअवस्थामेंमिलीहजारोंमछलिया, दुर्गंधसेग्रामीणपरेशान " appearing in Jagran.com dated 04.07.2024. | 1-3 |
| 2. | Annexure-R/1: Copy of the analysis report for diversion drain no. 8 before entering into river Yamuna at village Dahisara and analysis report of river Yamuna at village Palla before entering into the territory of Delhi | 4-8 |



Filed Through

Rahul Khurana, Advocate
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Date:27.05.2025

Counsel for Respondent no. 6 and 7

**BEFORE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH**

Original Application No. 923/ 2024

In the matter of:-

News Item titled " बुराडीमेंयमुनानदीकिनारेमृतअवस्थामेंमिलीहजारोंमछलिया ,दुर्गंधसेग्रामीणपरेशान " appearing in Jagran.com dated 04.07.2024

**REPLY ON BEHALF OF THE RESPONDENT NO-6 & 7
i.e. STATE OF HARYANA AND HARYANA STATE
POLLUTION CONTROL BOARD (HSPCB)**

Most Respectfully Showeth:

1. The Hon'ble Green Tribunal vide order dated 06.11.2024 and order dated 21.02.2025 asked the respondent No. 6 & 7 to file the reply in view of the response submitted by DPCC vide report dated 01.11.2024 and CPCB vide report dated 19.02.2025.
2. That present reply is being filed through Sh. Nirmal Kumar, Senior Environmental Engineer, Regional Officer, HSPCB, Sonipat who is authorised and competent to file the same on behalf of answering respondents.
3. It is submitted that the River Yamuna is entering in the territory of Delhi from Haryana at village Palla and regular monthly monitoring of River Yamuna is being by HSPCB at village Palla.
4. Further it is submitted that the Diversion drain no. 8 originates from Gohana at Mahara Head and terminates into River Yamuna at Village Dahesra, Sonipat. The length of the drain is approx. 223000 feet (Approx. 68 KM). This diversion drain no. 8 is carrying fresh water due to escape to River Yamuna crossing through Sonapat only during the rainy season or incase of escape if required from Drain no.8. There is no discharge of any polluted water in this drain in the Territory of District Sonapat.
5. That the regular monthly monitoring of River Yamuna at village Palla before entering in to the territory of Delhi and Diversion Drain No. 8 before entering in to river Yamuna at village Dahisarais being carried out by Haryana State Pollution Control Board. That as per the monitoring conducted by HSPCB in

the month of August & September 2024 and the latest monitoring in April 2025 the water quality of both the points are tabulated as below:-

| Sr. no. | Location of Sampling | Date of sample collection | pH | BOD | Dissolved Oxygen |
|---------|--|---------------------------|----------------------------------|-----|------------------|
| 1. | Diversion Drain No. 8 before entering in to river Yamuna at village Dahisara | 22-08-2024 | 6.84 | 7.2 | 4.2 |
| | | 22-09-2024 | 6.98 | 10 | 5.8 |
| | | 21.04.2025 | No water flow was there in Drain | | |
| 2. | River Yamuna at village palla before entering in to the territory of Delhi | 22-08-2024 | 7.1 | 3.6 | 6.9 |
| | | 22-09-2024 | 7 | 1.8 | 7.2 |
| | | 21.04.2025 | 7.84 | 3.0 | 7.1 |

From the above results it is revealed that the quality of the water in River Yamuna entering from Haryana to Delhi is well within safe limits to sustain the fish life. Copy of analysis reports is attached as **Annexure- R/1**.

6. It is also pertinent to mention here that as per the report of the Water Quality Conducted by DPCC on 29.08.2024 and mentioned in its report dated 01.11.2025 the BOD level at entry point of Yamuna from Haryana to Delhi territory was 5 mg/l and DO level was 7.8 mg/l which clearly indicates the water quality was safe enough for the survival of the fish life.
7. That as per the report of CPCB dated 19.02.2025 the water quality of the river Yamuna at Palla was well within the limits of Primary Water Quality Criteria for outdoor bathing notified under E(P) Rules 1986.
8. This reply is being filed on the behalf of RESPONDENT No-6 & 7 for the kind consideration of Hon'ble Tribunal.


Regional Officer,
Sonipat Region

Date: 27.05.2025
Place: Panchkula



BEFORE HON'BLE NATIONAL GREEN TRIBUNAL,
PRINCIPAL BENCH, NEW DELHI

OA No. 923 of 2024

IN THE MATTER OF: News Item titled "Delhi News बुराड़ी में यमुना नदी किनारे मृत अवस्था में मिली हजारों मछलियां, दुर्गंध से ग्रामीण परेशान" appearing in Jagran.com dated 04.07.2024

AFFIDAVIT

I, Nirmal Kumar, Sr. Environmental Engineer-cum- Regional Officer, Haryana State Pollution Control Board, Panchkula do hereby solemnly affirm and state as under:-

1. That in the aforesaid official capacity, I am well conversant with the facts and circumstances of the case, therefore, I am competent to file accompanying reply and to swear this affidavit.
2. That I have gone through the contents of accompanying reply which has been drafted under my instructions.

[Signature]
Deponent

Verification:

Verified at Panchkula of 27th day of May, 2025 that the contents of para No. 1 & 2 of affidavit are true and correct to my knowledge and on the basis of information derived from the official record which I believe to be true and no material has been concealed therein.



[Signature]
Deponent

ATTESTED
M.S. SANGWAN
NOTARY PUBLIC
Panchkula, Haryana

27 MAY 2025

Ammau - R/H



Type of Sample:-Monitoring
Haryana State Pollution Control Board's Laboratory
C-11, Sector-06, Panchkula, Haryana

Report No.M-699

Dated:03.09.2024

Issued to M/s Diversion Drain no. 8 before mixing river Yamuna at Village Dahisara Sonipat.(SNP-RDQ-003)

Description: Received on 23.08.2024 sample of drain collected by Sh. Anil Kumar, Sc.B from Surface Water of the drain on 22.08.2024. The sample has been analyzed from 23.08.2024 to 03.09.2024

| Sr. No. | Parameter | Result | Test Method |
|---------|---------------------------------|--------------|--|
| 1. | Sample Code | M-699 | |
| 2. | Sample Collected from | drain | |
| 3. | Color | Muddy | |
| 4. | Odour | Odourless | |
| 5. | pH value at 25°C | 6.84 | APHA 4500-H ⁺ (B) |
| 6. | Total Suspended Solids (mg/l) | 38.0 | APHA 2540 (D) |
| 7. | Biological Oxygen Demand (mg/l) | 7.2 | IS:3025 (Part-44) |
| 8. | Chemical Oxygen Demand (mg/l) | 40.0 | APHA 5220 (B) |
| 9. | Oil & Grease (mg/l) | BDL(DL=02) | APHA 5520 (B) |
| 10. | Conductivity at 25°C (µS/cm) | 754.0 | IS:3025(Part-14) |
| 11. | Dissolved Oxygen (mg/l) | 4.2 | APHA 4500-O (C) |
| 12. | Ammonical nitrogen as N (mg/l) | BDL(DL=0.5) | APHA 4500-NH ₃ (F) |
| 13. | Nitrate nitrogen (mg/l) | BDL(DL=0.5) | APHA 4500-NO ₃ ⁻ (B) |
| 14. | Nitrite nitrogen (mg/l) | BDL(DL=0.05) | APHA 4500-NO ₂ ⁻ (B) |
| 15. | Total Dissolved Solid (mg/l) | 440.0 | APHA 2540 (C) |
| 16. | Turbidity (NTU) | 4.70 | IS:3025(Part-14) |
| 17. | Chloride (mg/l) | 21.99 | IS:3025 (Part-32) |
| 18. | Sodium Absorption Ratio | 0.09 | IS 11624:2019 |
| 19. | Boron (mg/l) | BDL(DL=0.5) | APHA 4500-B (C) |
| 20. | Total Phosphate (mg/l) | 0.30 | APHA 4500-P (D) |

Sample Not Collected by us
Sample Consumed in testing
CC to Member Secretary, HSPCB
CC to Regional Office: Sonipat. The test report relate only to the particular sample submitted for testing.


JSA
Megha


JSA
Manjali


Sc.B
Jyotika


Laboratory In-charge
Dr. Pinki Jangra

End of the Report



Type of Sample:-Monitoring
Haryana State Pollution Control Board's Laboratory
C-11, Sector-06, Panchkula, Haryana

Report No.M-968

Dated: 01.10.2024

Issued to M/s Diversion Drain No. 8 before mixing river Yamuna at Village- Dahisara, Sonipat (SNP-RDQ-003)

Description: Received on 22.09.2024 sample of drain collected by Sh. Anil Kumar, Sc.B from Surface Water of the drain on 22.09.2024. The sample has been analyzed from 22.09.2024 to 01.10.2024.

| <u>Sr. No.</u> | <u>Parameter</u> | <u>Result</u> | <u>Test Method</u> |
|----------------|---------------------------------|---------------|---------------------------------|
| 1. | Sample Code | M-968 | |
| 2. | Sample Collected from | drain | |
| 3. | Color | A.colourless | |
| 4. | Odour | A.Odourless | |
| 5. | pH value at 25°C | 6.98 | APHA 4500-H* (B) |
| 6. | Total Suspended Solids (mg/l) | 15.0 | APHA 2540 (D) |
| 7. | Biological Oxygen Demand (mg/l) | 10.0 | IS:3025 (Part-44) |
| 8. | Chemical Oxygen Demand (mg/l) | 64.0 | APHA 5220 (B) |
| 9. | Oil & Grease (mg/l) | BDL(DL=02) | APHA 5520 (B) |
| 10. | Conductivity at 25°C (µS/cm) | 1691.0 | IS:3025(Part-14) |
| 11. | Dissolved Oxygen (mg/l) | BDL(DL=01) | APHA 4500-O (C) |
| 12. | Ammonical nitrogen as N (mg/l) | BDL(DL=0.5) | APHA 4500-NH ₃ (F) |
| 13. | Nitrate nitrogen (mg/l) | BDL(DL=0.5) | APHA 4500-NO ₃ * (B) |
| 14. | Nitrite nitrogen (mg/l) | 0.66 | APHA 4500-NO ₂ * (B) |
| 15. | Total Dissolved Solid (mg/l) | 1006.0 | APHA 2540 (C) |
| 16. | Turbidity (NTU) | 1.87 | IS:3025(Part-14) |
| 17. | Chloride (mg/l) | 21.99 | IS:3025 (Part-32) |
| 18. | Sodium Absorption Ratio | 0.17 | IS 11624:2019 |
| 19. | Boron (mg/l) | BDL(DL=02) | APHA 4500-B (C) |
| 20. | Total Phosphate (mg/l) | 0.20 | APHA 4500-P (D) |

Sample Not Collected by us
Sample Consumed in testing
CC to Member Secretary, HSPCB

JSA
Megha

JSA
Manjali

Sc.B
Jyotika

Laboratory In-charge
Dr. Pinki Jangra

CC to Regional Office: Sonipat. The test report relate only to the particular sample submitted for testing.

End of the Report



Type of Sample:-Monitoring
Haryana State Pollution Control Board's Laboratory
C-11, Sector-06, Panchkula, Haryana

Dated:03.09.2024

Report No.M-700

Issued to M/s NWMP River Yamuna at Palla, Sonipat.(SNP-RDQ-004)

Description: Received on 23.08.2024 sample of river collected by Sh. Anil Kumar, Sc.B from Surface Water of the river on 22.08.2024. The sample has been analyzed from 23.08.2024 to 03.09.2024

| <u>Sr. No.</u> | <u>Parameter</u> | <u>Result</u> | <u>Test Method</u> |
|----------------|---------------------------------|---------------|--|
| 1. | Sample Code | M-700 | |
| 2. | Sample Collected from | river | |
| 3. | Color | Muddy | |
| 4. | Odour | Odourless | |
| 5. | pH value at 25°C | 7.10 | APHA 4500-H ⁺ (B) |
| 6. | Total Suspended Solids (mg/l) | 27.0 | APHA 2540 (D) |
| 7. | Biological Oxygen Demand (mg/l) | 3.6 | IS:3025 (Part-44) |
| 8. | Chemical Oxygen Demand (mg/l) | 20.0 | APHA 5220 (B) |
| 9. | Oil & Grease (mg/l) | BDL(DL=02) | APHA 5520 (B) |
| 10. | Conductivity at 25°C (µS/cm) | 316.0 | IS:3025(Part-14) |
| 11. | Dissolved Oxygen (mg/l) | 6.9 | APHA 4500-O (C) |
| 12. | Ammonical nitrogen as N (mg/l) | BDL(DL=0.5) | APHA 4500-NH ₃ (F) |
| 13. | Nitrate nitrogen (mg/l) | BDL(DL=0.5) | APHA 4500-NO ₃ ⁻ (B) |
| 14. | Nitrite nitrogen (mg/l) | BDL(DL=0.05) | APHA 4500-NO ₂ (B) |
| 15. | Total Dissolved Solid (mg/l) | 180.0 | APHA 2540 (C) |
| 16. | Turbidity (NTU) | 3.27 | IS:3025(Part-14) |
| 17. | Chloride (mg/l) | 14.49 | IS:3025 (Part-32) |
| 18. | Sodium Absorption Ratio | 0.09 | IS 11624:2019 |
| 19. | Boron (mg/l) | BDL(DL=0.5) | APHA 4500-B (C) |
| 20. | Total Phosphate (mg/l) | 0.21 | APHA 4500-P (D) |

Sample Not Collected by us

JSA

Sample Consumed in testing

Megha

CC to Member Secretary, HSPCB

CC to Regional Office: Sonipat. The test report relate only to the particular sample submitted for testing.

End of the Report



Type of Sample:-Monitoring
Haryana State Pollution Control Board's Laboratory
C-11, Sector-06, Panchkula, Haryana

Report No.M-969

Dated: 01.10.2024

Issued to M/s NWMP River Yamuna at Palla, Sonapat. (SNP-RDQ-004)

Description: Received on 22.09.2024 sample of river collected by Sh. Anil Kumar, Sc.B from Surface Water of the river on 22.09.2024. The sample has been analyzed from 22.09.2024 to 01.10.2024.

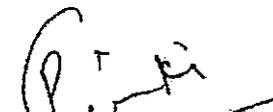
| <u>Sr. No.</u> | <u>Parameter</u> | <u>Result</u> | <u>Test Method</u> |
|----------------|---------------------------------|---------------|-------------------------------|
| 1. | Sample Code | M-969 | |
| 2. | Sample Collected from | river | |
| 3. | Color | A.colourless | |
| 4. | Odour | A.Odourless | |
| 5. | pH value at 25°C | 7.00 | APHA 4500-H ⁺ (B) |
| 6. | Total Suspended Solids (mg/l) | 8.0 | APHA 2540 (D) |
| 7. | Biological Oxygen Demand (mg/l) | 1.8 | IS:3025 (Part-44) |
| 8. | Chemical Oxygen Demand (mg/l) | 12.0 | APHA 5220 (B) |
| 9. | Oil & Grease (mg/l) | BDL(DL=02) | APHA 5520 (B) |
| 10. | Conductivity at 25°C (µS/cm) | 316.0 | IS:3025(Part-14) |
| 11. | Dissolved Oxygen (mg/l) | 7.2 | APHA 4500-O (C) |
| 12. | Ammonical nitrogen as N (mg/l) | BDL(DL=01) | APHA 4500-NH ₃ (F) |
| 13. | Nitrate nitrogen (mg/l) | BDL(DL=0.5) | APHA 4500-NO ₃ (B) |
| 14. | Nitrite nitrogen (mg/l) | BDL(DL=0.05) | APHA 4500-NO ₂ (B) |
| 15. | Total Dissolved Solid (mg/l) | 180.0 | APHA 2540 (C) |
| 16. | Turbidity (NTU) | BDL(DL=01) | IS:3025(Part-14) |
| 17. | Chloride (mg/l) | 10.49 | IS:3025 (Part-32) |
| 18. | Sodium Absorption Ratio | 0.05 | IS 11624:2019 |
| 19. | Boron (mg/l) | BDL(DL=0.5) | APHA 4500-B (C) |
| 20. | Total Phosphate (mg/l) | 0.15 | APHA 4500-P (D) |

Sample Not Collected by us
Sample Consumed in testing


JSA
Megha


JSA
Manjali


Sc.B
Jyotika


Laboratory In-charge
Dr. Pinki Jangra

CC to Member Secretary, HSPCB

CC to Regional Office: Sonapat. The test report relate only to the particular sample submitted for testing.

End of the Report



Report No.M-2114

Type of Sample:-Monitoring
Haryana State Pollution Control Board's Laboratory
C-11, Sector-06, Panchkula, Haryana

Dated: 16.05.2025

❖ NWMP River Yamuna at Palla, Sonapat. (SNP-RDQ-004).

Description: Received on 22.04.2025 sample of River collected by Sh. Anil Kumar, Sc.B from Surface Water on 21.04.2025. The sample has been analyzed from 22.04.2025 to 16.05.2025.

| Sr. No. | Parameter | Result | Test Method |
|---------|---------------------------------|--------------|-------------------------------|
| 1. | Sample Code | M-2114 | |
| 2. | Sample Collected from | River | |
| 3. | Color | Colourless | |
| 4. | Odour | Odourless | |
| 5. | pH value at 25°C | 7.84 | APHA 4500 H (B) |
| 6. | Total Suspended Solids (mg/l) | 12.0 | APHA 2540 (D) |
| 7. | Biological Oxygen Demand (mg/l) | 3.0 | IS:3025 (Part-44) |
| 8. | Chemical Oxygen Demand (mg/l) | 24.0 | APHA 5220 (B) |
| 9. | Oil & Grease (mg/l) | BDL(DL=02) | APHA 5520 (B) |
| 10. | Conductivity at 25°C (µS/cm) | 479.0 | IS:3025 (Part-14) |
| 11. | Dissolved Oxygen (mg/l) | 7.1 | APHA 4500-O (C) |
| 12. | Ammonical nitrogen as N (mg/l) | 3.21 | APHA 4500-NH ₃ (F) |
| 13. | Nitrate nitrogen (mg/l) | 1.48 | APHA 4500-NO ₃ (B) |
| 14. | Nitrite nitrogen (mg/l) | 4.59 | APHA 4500-NO ₂ (B) |
| 15. | Total Dissolved Solid (mg/l) | 274.0 | APHA 2540 (C) |
| 16. | Turbidity (NTU) | BDL(DL=01) | IS:3025 (Part-14) |
| 17. | Chloride (mg/l) | 28.98 | IS 3025 (Part-32) |
| 18. | Sodium Absorption Ratio | 7.62 | IS 11624:2019 |
| 19. | Boron (mg/l) | BDL(DL=0.5) | APHA 4500-B (C) |
| 20. | Total Phosphate (mg/l) | 1.27 | APHA 4500-P (D) |
| 21. | Atrazine (mg/l) | BDL(DL=0.1) | UHPLC |
| 22. | Isoproturon (mg/l) | BDL(DL=0.1) | UHPLC |
| 23. | Total Chrome (mg/l) | BDL(DL=1.38) | APHA 3111 (B) |
| 24. | Nickel (mg/l) | BDL(DL=0.10) | APHA 3111 (B) |
| 25. | Iron (mg/l) | BDL(DL=1.34) | APHA 3111 (B) |
| 26. | Zinc (mg/l) | BDL(DL=0.94) | APHA 3111 (B) |
| 27. | Copper (mg/l) | BDL(DL=0.70) | APHA 3111 (B) |
| 28. | Lead (mg/l) | BDL(DL=0.37) | APHA 3111 (B) |
| 29. | Manganese (mg/l) | 0.158 | APHA 3111 (B) |
| 30. | Cobalt (mg/l) | BDL(DL=0.61) | APHA 3111 (B) |

Sample Not Collected by us
Sample Consumed in testing
CC to Member Secretary, HSPCB
CC to Regional Office: Sonapat. The test report relate only to the particular sample submitted for testing.

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Dr. Pinki Jangra

End of the Report