

REPORT OF THE OVERSIGHT COMMITTEE, NGT, U.P, LUCKNOW

IN THE MATTER OF:-

ORIGINAL APPLICATION NO. 116/2014

IN RE: MEERA SHUKLA

VERSUS

MUNICIPAL CORPORATION, GORAKHPUR & ORS.

INDEX

| Sl. No. | Particulars | Page No. |
|----------------|--------------------------------------|-----------------|
| 1. | REPORT OF OVERSIGHT COMMITTEE | 1 - 3 |
| 2. | Water Quality Report | 4 - 9 |

**SUPPLEMENTARY REPORT OF THE OVERSIGHT COMMITTEE DATED 21.03.2022 IN
COMPLIANCE OF THE ORDER OF THE HON'BLE NATIONAL GREEN TRIBUNAL PASSED IN
O.A. NO. 116/2014 IN RE: MEERA SHUKLA VERSUS MUNICIPAL CORPORATION,
GORAKHPUR & ORS**

I. INTRODUCTION

The Hon'ble National Green Tribunal dealing with the matter of O.A. NO. 116/2014 in Re: Meera Shukla Versus Municipal Corporation, Gorakhpur & Ors vide order dated 24.09.2019 considered the issue of remedial action for contamination of water bodies and groundwater, specially Ramgarh Lake, Ami River, Rapti River, Rohini River, Saryu and Ghaghra rivers in and around District Gorakhpur, Uttar Pradesh.

II. PROGRESS AFTER THE LAST REPORT DATED 03.12.2021

The Committee reviewed the progress of the compliance of the orders of Hon NGT in **OA No. 116/2014** in re: *Meera Shukla vs Municipal Corporation, Gorakhpur and others* on 11.06.2021. Thereafter, a joint meeting of the Oversight Committee and River Rejuvenation Committee was held on 2.07.2021 and a report based on the compliance status received from various Departments/Agencies was submitted to the Hon'ble NGT by the Oversight Committee on 3.9.2021. Thereafter, an updated report was sent to the Hon'ble NGT on 3.12.2021. This OA was listed for hearing on 6.12.2021 but could not be taken up and now the next hearing is listed for 25.03.2022, hence, this supplementary report indicating further progress is being submitted to update the Hon'ble NGT on this matter.

Further progress in this matter is as under:

1. **Action against B.R.D Medical College:** Review application by the B.D Medical College regarding imposition of EC of Rs. 4.4115 crore has been dismissed by the Hon'ble NGT vide order dated 27.1.2022.
2. **Establishment of CETP (7.5 MLD) in Gorakhpur:** The project of setting up CETP in Gorakhpur has been approved by the NMCG on 11.1.2022. The revised total cost of CETP is Rs. 92.34 crores (including 06 months cost of trial run). Out of the total cost 50% would be borne by the NMCG, 25 % by the GIDA and remaining 25% jointly by

the Industrial Development Dept and the Industry Association.

3. **Sewage management in** Maghar and Khalilabad: The GOs granting administrative and financial sanction of Rs. 578.88 Lacs for construction of 32 KLD FSTP each at Maghar and Khalilabad has been issued in Nov,2021. An amount of Rs. 72.36 Lacs has been released for each local body to start the work. Construction work is in progress and it is expected to be completed by June,2022.
4. **Action against erring officers** : Dept.of Urban Development has taken action against the 06 concerned officials. The details are mentioned below:

Executive Officer (EO) of Nagar Palika Parishad, Khalilabad & Nagar Panchayat, Maghar have been charge sheeted for non-compliance of directions regarding bio/phytoremediation remediation of drains and other orders given by the Department.

03 UPJN officers (01 Project Manager, 01 Project Engineer and 01 Assistant Project Engineer) have been censured vide letter dated 27.11.2021 for delay in completion of work under Ramgarh Tal Sewerage Scheme Zone A-1

Executive Officer (EO) of Nagar Panchayat, Ilafatganj has been charge sheeted for not ensuring bio/phytoremediation of untapped drains causing pollution in river Saryu.

Executive Officers (EOs) of Nagar Palika Parishad, Gaura Behraj, Deoria; Nagar Panchayat, Badhalganj, Gorakhpur & Nagar Panchayat, Dohari Ghat, Mau have been charge sheeted for non-compliance of directions regarding bio/phytoremediation of untapped drains falling into river Ghaghra.

5. **Water quality of drains after bioremediation**: The water quality report of the 18 minor drains falling in Ramgarh lake and 5 minor drains falling in Rohini and Rapti rivers for the month of February,2022 has been submitted to this Committee. The report reveals that the Biological Oxygen Demand (BOD) level of all the drains after bio-remediation is above the permissible limit of 30 mg/l. The COD levels¹ and pH values² are within the prescribed limits. Similarly, the concentration of total suspended solids (TSS) in water after bioremediation of drains has reduced and is

¹ Permissible limit is 250 mg/l

² Permissible range is 5.5 to 9.0

within the permissible limit of 100 mg/l. However, no information has been provided regarding the total coliform (TC) and fecal coliform (FC) parameters in the report. Overall, the report reflects that bioremediation of drains has helped in improvising the water quality but consistent efforts are required to bring the BOD levels down to the permissible limit and to maintain the levels of all other parameters.

The UPPCB has been directed by the Committee to submit the monthly water quality report of all the drains taking into account all the concerned parameters viz. BOD, COD, TC, FC, TSS and pH.

The Member Secretary, UPPCB is directed to send this report to the Registrar General, National Green Tribunal, Principal Bench, New Delhi for placing the same before the Hon'ble Tribunal with a copy to the Chief Secretary, Government of Uttar Pradesh for necessary action. The report also be uploaded on the website of the Committee.

21-Mar-22

21-Mar-22

X Anant Kumar Singh

Anant Kumar Singh
Member, Oversight Committee
Signed by: ANANT KUMAR SINGH

March 21, 2022

X SVS Rathore

Justice SVS Rathore
Chairman, Oversight Committee
Signed by: SURENDRA VIKRAM SINGH RATHORE

Annexures: As above

Please visit our website: oscngt.upsdc.gov.in for more information.



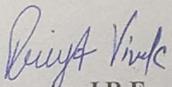
Regional Office
U. P. Pollution Control Board
Kunraghat, Gorakhpur

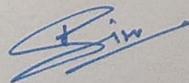
Water quality of 18 Minor Drains falling in Ramgarh Lake before Bio-remediation & after Bio-remediation for the month of January, 2022.

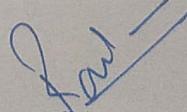
| S. No | Name of the Drains. | Sampling Point | Date of Sample Collection | P A R A M E T E R | | | |
|-------|---|------------------------|---------------------------|-------------------|------------------------------|--------|-------|
| | | | | PH | B. O. D. (3days at 27° C) | T.S.S. | C.O.D |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Girdharganj Nala (Yadav Tola No-1) | Before Bio-remediation | 18-01-2022 | 7.56 | 72 | 118 | 310 |
| | | After Bio-remediation | 18-01-2022 | 7.64 | 46 | 86 | 170 |
| 2 | Girdharganj Nala (Yadav Tola No-2) | Before Bio-remediation | 18-01-2022 | 7.54 | 96 | 128 | 360 |
| | | After Bio-remediation | 18-01-2022 | 7.66 | 40 | 80 | 260 |
| 3 | Avas Vikas Kachcha Nala | Before Bio-remediation | 18-01-2022 | 7.42 | 82 | 136 | 310 |
| | | After Bio-remediation | 18-01-2022 | 7.60 | 44 | 94 | 220 |
| 4 | Vishunpurwa Nala | Before Bio-remediation | 18-01-2022 | 7.52 | 76 | 126 | 320 |
| | | After Bio-remediation | 18-01-2022 | 7.62 | 50 | 92 | 220 |
| 5 | Sigharia-Maherawa ki Bari (Near 15 MLD STP) | Before Bio-remediation | 18-01-2022 | 7.44 | 76 | 120 | 310 |
| | | After Bio-remediation | 18-01-2022 | 7.56 | 54 | 88 | 220 |
| 6 | Navalpurwa Nala (Near Jal Pai Mai Mandir) | Before Bio-remediation | 18-01-2022 | 7.42 | 86 | 118 | 360 |
| | | After Bio-remediation | 18-01-2022 | 7.58 | 46 | 90 | 210 |
| 7 | Sahara State Nala | Before Bio-remediation | 18-01-2022 | 7.38 | 88 | 138 | 330 |
| | | After Bio-remediation | 18-01-2022 | 7.64 | 48 | 92 | 190 |
| 8 | Nala Near Smart Wheels Pvt | Before Bio-remediation | 21-01-2022 | 7.32 | 96 | 132 | 360 |

| | | | | | | | |
|----|--|------------------------|------------|------|----|-----|-----|
| | Ltd, Mohaddipur | After Bio-remediation | 21-01-2022 | 7.56 | 54 | 88 | 220 |
| 9 | Sri Rampuram Colony Drain | Before Bio-remediation | 21-01-2022 | 7.40 | 80 | 128 | 320 |
| | | After Bio-remediation | 21-01-2022 | 7.62 | 42 | 86 | 160 |
| 10 | Sri Rampuram Colony Drain-1 | Before Bio-remediation | 21-01-2022 | 7.28 | 92 | 130 | 360 |
| | | After Bio-remediation | 21-01-2022 | 7.58 | 48 | 86 | 200 |
| 11 | Sri Rampuram Colony Drain-2 | Before Bio-remediation | 21-01-2022 | 7.42 | 82 | 130 | 310 |
| | | After Bio-remediation | 21-01-2022 | 7.58 | 46 | 80 | 200 |
| 12 | Sri Rampuram Colony Drain-3 | Before Bio-remediation | 21-01-2022 | 7.36 | 88 | 128 | 330 |
| | | After Bio-remediation | 21-01-2022 | 7.60 | 50 | 96 | 210 |
| 13 | Sri Rampuram Colony Drain Near House No-850 | Before Bio-remediation | 21-01-2022 | 7.46 | 90 | 132 | 350 |
| | | After Bio-remediation | 21-01-2022 | 7.60 | 52 | 86 | 210 |
| 14 | Sri Krishnapuram Nala | Before Bio-remediation | 21-01-2022 | 7.48 | 86 | 140 | 360 |
| | | After Bio-remediation | 21-01-2022 | 7.66 | 44 | 92 | 200 |
| 15 | Suraj Nagar/Ram Nagar Colony Drain | Before Bio-remediation | 21-01-2022 | 7.48 | 90 | 136 | 330 |
| | | After Bio-remediation | 21-01-2022 | 7.52 | 54 | 96 | 220 |
| 16 | Satya Marg Nala (Near H.No- 112) | Before Bio-remediation | 21-01-2022 | 7.52 | 82 | 122 | 340 |
| | | After Bio-remediation | 21-01-2022 | 7.64 | 48 | 92 | 200 |
| 17 | Parha Tola Drain Near Ishrawati Devi | Before Bio-remediation | 21-01-2022 | 7.52 | 86 | 130 | 320 |
| | | After Bio-remediation | 21-01-2022 | 7.58 | 50 | 90 | 210 |
| 18 | Parha Tola Drain Near Prabhu Dayal Agrawal | Before Bio-remediation | 21-01-2022 | 7.38 | 88 | 122 | 330 |
| | | After Bio-remediation | 21-01-2022 | 7.52 | 56 | 98 | 210 |

Note :- All the parameters except p^H are expressed in mg/l unless or otherwise stated.


J.R.F.


L.A.


S.A.

Regional Officer



Regional Office
U. P. Pollution Control Board
Kunraghat, Gorakhpur

Water quality of 05 Minor Drains falling in Rohin River & Rapti River before Bio-remediation & after Bio-remediation for the month of January, 2022.

| S. No | Name of the Drains. | Sampling Point | Date of Sample Collection | P A R A M E T E R | | | |
|-------|--|------------------------|---------------------------|-------------------|---------------------------|--------|-------|
| | | | | PH | B. O. D. (3days at 27° C) | T.S.S. | C.O.D |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Basiyadih Drain, Near Madhopur Bandh, Gorakhpur | Before Bio-remediation | 24-01-2022 | 7.44 | 88 | 128 | 330 |
| | | After Bio-remediation | 24-01-2022 | 7.60 | 58 | 86 | 210 |
| 2 | Bargadawa Drain, Near Jashan Marring hall, Bargadwa, Gorakhpur | Before Bio-remediation | 24-01-2022 | 7.48 | 88 | 128 | 310 |
| | | After Bio-remediation | 24-01-2022 | 7.62 | 48 | 90 | 200 |
| 3 | Domingarh Drain, Domingarh, Gorakhpur | Before Bio-remediation | 24-01-2022 | 7.32 | 84 | 120 | 330 |
| | | After Bio-remediation | 24-01-2022 | 7.64 | 44 | 86 | 210 |
| 4 | Ilahibag Drain, Gorakhpur | Before Bio-remediation | 24-01-2022 | 7.42 | 90 | 122 | 370 |
| | | After Bio-remediation | 24-01-2022 | 7.58 | 56 | 92 | 220 |
| 5 | Katariya/Mahewa Drain, Gorakhpur. | Before Bio-remediation | 24-01-2022 | 7.50 | 86 | 120 | 330 |
| | | After Bio-remediation | 24-01-2022 | 7.62 | 54 | 86 | 220 |

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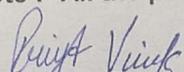
Regional Office
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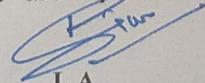
Water quality of 18 Minor Drains falling in Ramgarh Lake before Bio-remediation & after Bio-remediation for the month of February, 2022.

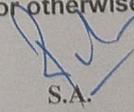
| S. No | Name of the Drains. | Sampling Point | Date of Sample Collection | P A R A M E T E R | | | |
|-------|---|------------------------|---------------------------|-------------------|------------------------------|--------|-------|
| | | | | PH | B. O. D. (3days at 27° C) | T.S.S. | C.O.D |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Girdharganj Nala (Yadav Tola No-1) | Before Bio-remediation | 14-02-2022 | 7.58 | 70 | 116 | 300 |
| | | After Bio-remediation | 14-02-2022 | 7.66 | 42 | 84 | 180 |
| 2 | Girdharganj Nala (Yadav Tola No-2) | Before Bio-remediation | 14-02-2022 | 7.56 | 92 | 130 | 350 |
| | | After Bio-remediation | 14-02-2022 | 7.68 | 42 | 82 | 220 |
| 3 | Avas Vikas Kachcha Nala | Before Bio-remediation | 14-02-2022 | 7.44 | 84 | 132 | 310 |
| | | After Bio-remediation | 14-02-2022 | 7.62 | 42 | 92 | 210 |
| 4 | Vishunpurwa Nala | Before Bio-remediation | 14-02-2022 | 7.52 | 74 | 120 | 310 |
| | | After Bio-remediation | 14-02-2022 | 7.64 | 48 | 90 | 230 |
| 5 | Sigharia-Maherawa ki Bari (Near 15 MLD STP) | Before Bio-remediation | 14-02-2022 | 7.48 | 72 | 110 | 280 |
| | | After Bio-remediation | 14-02-2022 | 7.58 | 52 | 80 | 200 |
| 6 | Navalpurwa Nala (Near Jal Pai Mai Mandir) | Before Bio-remediation | 14-02-2022 | 7.48 | 88 | 120 | 340 |
| | | After Bio-remediation | 14-02-2022 | 7.60 | 44 | 88 | 200 |
| 7 | Sahara State Nala | Before Bio-remediation | 14-02-2022 | 7.48 | 82 | 132 | 310 |
| | | After Bio-remediation | 14-02-2022 | 7.68 | 46 | 90 | 200 |

| | | | | | | | |
|----|---|------------------------|------------|------|----|-----|-----|
| 8 | Nala Near Smart Wheels Pvt Ltd, Mohaddipur | Before Bio-remediation | 18-02-2022 | 7.34 | 92 | 130 | 350 |
| | | After Bio-remediation | 18-02-2022 | 7.58 | 52 | 86 | 210 |
| 9 | Sri Rampuram Colony Drain | Before Bio-remediation | 18-02-2022 | 7.42 | 82 | 126 | 310 |
| | | After Bio-remediation | 18-02-2022 | 7.60 | 40 | 80 | 150 |
| 10 | Sri Rampuram Colony Drain-1 | Before Bio-remediation | 18-02-2022 | 7.44 | 88 | 120 | 340 |
| | | After Bio-remediation | 18-02-2022 | 7.62 | 52 | 88 | 210 |
| 11 | Sri Rampuram Colony Drain-2 | Before Bio-remediation | 18-02-2022 | 7.44 | 86 | 120 | 300 |
| | | After Bio-remediation | 18-02-2022 | 7.58 | 44 | 82 | 200 |
| 12 | Sri Rampuram Colony Drain-3 | Before Bio-remediation | 18-02-2022 | 7.42 | 82 | 112 | 320 |
| | | After Bio-remediation | 18-02-2022 | 7.52 | 52 | 98 | 200 |
| 13 | Sri Rampuram Colony Drain Near House No-850 | Before Bio-remediation | 18-02-2022 | 7.48 | 92 | 130 | 330 |
| | | After Bio-remediation | 18-02-2022 | 7.62 | 58 | 88 | 220 |
| 14 | Sri Krishnapuram Nala | Before Bio-remediation | 18-02-2022 | 7.50 | 88 | 142 | 360 |
| | | After Bio-remediation | 18-02-2022 | 7.68 | 48 | 90 | 210 |
| 15 | Suraj Nagar/Ram Nagar Colony Drain | Before Bio-remediation | 18-02-2022 | 7.52 | 92 | 138 | 340 |
| | | After Bio-remediation | 18-02-2022 | 7.56 | 50 | 90 | 200 |
| 16 | Satya Marg Nala (Near H.No-112) | Before Bio-remediation | 18-02-2022 | 7.58 | 88 | 126 | 330 |
| | | After Bio-remediation | 18-02-2022 | 7.68 | 46 | 92 | 210 |
| 17 | Parha Tola Drain Near Ishrawati Devi | Before Bio-remediation | 18-02-2022 | 7.54 | 84 | 132 | 310 |
| | | After Bio-remediation | 18-02-2022 | 7.60 | 48 | 88 | 200 |
| 18 | Parha Tola Drain Near Prabhu Dayal Agrawal | Before Bio-remediation | 18-02-2022 | 7.42 | 90 | 120 | 320 |
| | | After Bio-remediation | 18-02-2022 | 7.56 | 52 | 92 | 210 |

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Water quality of 05 Minor Drains falling in Rohin River & Rapti River before Bio-remediation & after Bio-remediation for the month of February, 2022.

| S. No | Name of the Drains. | Sampling Point | Date of Sample Collection | P A R A M E T E R | | | |
|-------|--|------------------------|---------------------------|-------------------|------------------------------|--------|-------|
| | | | | PH | B. O. D. (3days at 27° C) | T.S.S. | C.O.D |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 1 | Basiyadih Drain, Near Madhopur Bandh, Gorakhpur | Before Bio-remediation | 22-02-2022 | 7.48 | 90 | 132 | 330 |
| | | After Bio-remediation | 22-02-2022 | 7.62 | 52 | 82 | 200 |
| 2 | Bargadawa Drain, Near Jashan Marrige hall, Bargadwa, Gorakhpur | Before Bio-remediation | 22-02-2022 | 7.52 | 86 | 126 | 300 |
| | | After Bio-remediation | 22-02-2022 | 7.64 | 46 | 92 | 200 |
| 3 | Domingarh Drain, Domingarh, Gorakhpur | Before Bio-remediation | 22-02-2022 | 7.38 | 82 | 110 | 300 |
| | | After Bio-remediation | 22-02-2022 | 7.66 | 48 | 86 | 210 |
| 4 | Ilahibag Drain, Gorakhpur | Before Bio-remediation | 22-02-2022 | 7.44 | 92 | 120 | 360 |
| | | After Bio-remediation | 22-02-2022 | 7.64 | 58 | 90 | 210 |
| 5 | Katariya/Mahewa Drain, Gorakhpur. | Before Bio-remediation | 22-02-2022 | 7.52 | 88 | 122 | 330 |
| | | After Bio-remediation | 22-02-2022 | 7.64 | 58 | 88 | 210 |

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