



**HEAD OFFICE**  
**Uttarakhand Pollution Control Board**  
**"Gaura Devi Paryavaran Bhawan"**  
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Dehradun - May 31 2024

**E-MAIL / SPEED POST**

To,

**Executive Director (Tech.),  
National Mission for Clean Ganga (NMCG)  
Department of Water Resource, River Development  
& Ganga Rejuvenation, Ministry of Jal Shakti,  
1<sup>st</sup>Floor, Major Dhyan Chand National Stadium  
India Gate, New Delhi-110002.**

**Sub.: Monthly Progress Report of March, 2024 in the matter of O.A. No. 673/2018,  
Rejuvenation of Polluted River Stretches as per the Hon'ble National  
Green Tribunal orders dated 20.09.2018, 19.12.2018 & 08.04.2019- reg.**

Sir,

With reference to the above subject matter, please find enclosed herewith a copy of Monthly Progress Report for the month of March, 2024 along with Annexure 1 to 4 for your kind perusal and further necessary action. The soft copy of Monthly Progress Report has already sent through E-mail at ruby.raju@nmcg.nic.in, drpravin@nmcg.nic.in, emcukcsoffice@gmail.com & eepkm.cpcb@nic.in.

**Enclosed: As above.**

**Yours faithfully**

**(Dr. Parag Madhukar Dhakate)**  
**Member Secretary**

**Copy to:**

1. Principal Secretary, Forest, Environment and Climate Change, Govt. of Uttarakhand/ Chairman, River Rejuvenation Committee, Uttarakhand for kind information please.
2. Staff Officer to the Chief Secretary, Uttarakhand/Member Convener, Environment Monitoring Cell, Office of the Chief Secretary, Secretariat, Dehradun for kind information and necessary action please.
3. Shri P.K. Mishra, Divisional Head-WQM-I, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Shahdara, Delhi-110032 for kind information please.
4. Program Director, State Project Management Group (SPMG), Namami Gange, 105(New no 545/041), Rajpur Road, Opp. RTO Office, Dehradun (Uttarakhand) for kind information.

**Member Secretary**

**Monthly Progress Report in compliance of order dated 24.09.2020 of the  
Hon'ble NGT in the matter of O.A. No. 673 of 2018 of the State of Uttarakhand.**

**March 2024**

**1. OVERALL STATUS OF THE STATE:**

|     |                                             |                                                                                                                   |
|-----|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| I.  | Total Population<br>(2011)                  | 1,00,86,292                                                                                                       |
|     |                                             | Urban-30,49,338                                                                                                   |
|     |                                             | Rural-70,36,954                                                                                                   |
| II. | Estimated Sewage Generation<br>(MLD) (2011) | Urban- 329.32 MLD,<br>Rural-225.18 MLD<br>(Taking Rate of Water Supply for Urban @ 135 LPCD & Rural<br>@ 40 LPCD) |

**2. DETAILS OF SEWAGE TREATMENT PLANTS:**

|                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                      |                                     |                                       |
|-------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|---------------------------------------|
| Existing no. of STPs and Treatment<br>Capacity (in MLD)                                         | 69 STPs of 427.905 MLD treatment capacity                                                                                                                                                                                                                                                                                                                                                            |                                     |                                       |
|                                                                                                 | <b>District</b>                                                                                                                                                                                                                                                                                                                                                                                      | <b>Installed capacity<br/>(MLD)</b> | <b>Capacity Utilization<br/>(MLD)</b> |
|                                                                                                 | Chamoli                                                                                                                                                                                                                                                                                                                                                                                              | 9.92                                | 3.132                                 |
|                                                                                                 | Rudraprayag                                                                                                                                                                                                                                                                                                                                                                                          | 0.525                               | 0.344                                 |
|                                                                                                 | Pauri                                                                                                                                                                                                                                                                                                                                                                                                | 7.625                               | 5.257                                 |
|                                                                                                 | Tehri                                                                                                                                                                                                                                                                                                                                                                                                | 22.685                              | 13.402                                |
|                                                                                                 | Uttarkashi                                                                                                                                                                                                                                                                                                                                                                                           | 3.00                                | 1.983                                 |
|                                                                                                 | Haridwar                                                                                                                                                                                                                                                                                                                                                                                             | 178.00                              | 164.25                                |
|                                                                                                 | Dehradun                                                                                                                                                                                                                                                                                                                                                                                             | 148.46                              | 61.233                                |
|                                                                                                 | Nainital                                                                                                                                                                                                                                                                                                                                                                                             | 49.45                               | 24.71                                 |
|                                                                                                 | Almora                                                                                                                                                                                                                                                                                                                                                                                               | 2.00                                | 1.65                                  |
|                                                                                                 | Pithoragarh                                                                                                                                                                                                                                                                                                                                                                                          | 6.25                                | 1.80                                  |
|                                                                                                 | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                         | <b>427.915</b>                      | <b>277.761</b>                        |
| Capacity Utilization of existing STPs                                                           | 277.761 MLD                                                                                                                                                                                                                                                                                                                                                                                          |                                     |                                       |
| MLD of sewage being treated through<br>alternate technology                                     | 192.085 MLD Through Septic tank and Soak pit.                                                                                                                                                                                                                                                                                                                                                        |                                     |                                       |
| No. of Operational STPs                                                                         | 61 Nos.                                                                                                                                                                                                                                                                                                                                                                                              |                                     |                                       |
| No. of Non-Operational STPs                                                                     | 08 Nos.<br>(i) 0.010 MLD STP near Temple, Badrinath<br>(ii) 0.26 MLD STP near Bamni gaon, Badrinath<br>(iii) 1.00 MLD STP near suspension bridge, Badrinath<br>(iv) 1.00 MLD STP at Gangotri<br>(v) 0.075 MLD STP near Anoop Negi School, Rudraprayag.<br>(vi) 10 MLD STP Rusi Pond at Nainital.<br>(vii) 0.050 MLD STP near BRO Bridge, Kirtinagar<br>(viii) 3.12 MLD STP at Bhatta Fall, Mussoorie |                                     |                                       |
| No. of Complying STP's<br>(Out of 61 Operational STPs monitored in<br>the month of March, 2024) | <ul style="list-style-type: none"> <li>As per standards notified by MoEF&amp; CC: <b>55</b></li> <li>As per standards prescribed by the Hon'ble NGT order dated 30.04.2019: <b>36</b></li> </ul>                                                                                                                                                                                                     |                                     |                                       |

|                                                                                                  |         |               |                                                                                                                                                                                  |                                        |               |                              |                               |
|--------------------------------------------------------------------------------------------------|---------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|---------------|------------------------------|-------------------------------|
| No. of non-complying STP's<br>(Out of 61 Operational STPs monitored in the month of March, 2024) |         |               | <div><div></div>As per standards notified by MoEF&amp;CC: <b>06</b></div> <div><div></div>As per standards prescribed by the Hon'ble NGT order dated 30.04.2019: <b>25</b></div> |                                        |               |                              |                               |
| Standards:                                                                                       |         |               |                                                                                                                                                                                  |                                        |               |                              |                               |
| Parameters                                                                                       | pH      | BOD<br>(mg/L) | TSS<br>(mg/L)                                                                                                                                                                    | Faecal<br>Coliform<br>(MPN/ 100<br>mL) | COD<br>(mg/L) | Total-<br>Nitrogen<br>(mg/L) | Total<br>Phosphorus<br>(mg/L) |
| Standards notified by the MoEF&CC                                                                | 6.5-9.0 | 30            | <100                                                                                                                                                                             | <1000                                  | --            | --                           | --                            |
| Standards prescribed by the Hon'ble NGT                                                          | 5.5-9.0 | 10            | 20                                                                                                                                                                               | 230                                    | 50            | 10                           | 1.0                           |

**Details of existing STPs in the State during the month of March, 2024:**

| No. | Location                                                                                     | Existing STP Capacity (MLD) | Capacity Being Utilized (MLD) | Operational Status of STP | Compliance Status of STPs                        |                                            |
|-----|----------------------------------------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|--------------------------------------------------|--------------------------------------------|
|     |                                                                                              |                             |                               |                           | As per MoEF&CC notified Standards                | As per Standards prescribed by Hon'ble NGT |
| 1.  | Badrinath (Bamni Gaon)<br>Distt.- Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)         | 0.26                        | 0.050                         | Non - Operational         | STP was non-operational due to seasonal closure. |                                            |
| 2.  | Badrinath (Near Temple)<br>Distt.- Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)        | 0.01                        | 0.005                         | Non - Operational         | STP was non-operational due to seasonal closure. |                                            |
| 3.  | Badrinath (Near suspension Bridge) Distt. Chamoli<br>(Operated by: Uttarakhand Jal Sansthan) | 1.00                        | 0.200                         | Non - Operational         | STP was non-operational due to seasonal closure. |                                            |
| 4.  | Joshimath (Pokhri)<br>Distt.-Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)              | 1.08                        | 0.421                         | Operational               | Complying                                        | Complying                                  |
| 5.  | Chamoli Ghat<br>Distt.-Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)                    | 0.76                        | 0.05                          | Operational               | Non - Complying                                  | Non - Complying                            |
| 6.  | Chamoli (Near Suspension bridge) Distt. Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)   | 0.05                        | 0.010                         | Operational               | Non - Complying                                  | Non - Complying                            |

|     |                                                                                                                              |      |       |             |           |                    |
|-----|------------------------------------------------------------------------------------------------------------------------------|------|-------|-------------|-----------|--------------------|
|     | <b>Sansthan)</b>                                                                                                             |      |       |             |           |                    |
| 7.  | Gopeshwar<br>(Vivekanand Colony)<br>Distt.-Chamoli<br>(Operated by:<br><b>Uttarakhand Jal<br/>Sansthan)</b>                  | 1.19 | 0.50  | Operational | Complying | Complying          |
| 8.  | Baiterni, Gopeshwar<br>(DeenDayalUpadhayay<br>Park), Distt.-Chamoli<br>(Operated by:<br><b>Uttarakhand Jal<br/>Sansthan)</b> | 1.12 | 0.075 | Operational | Complying | Complying          |
| 9.  | Gopeshwar (Pokhari<br>Band)<br>Distt.-Chamoli<br>(Operated by:<br><b>Uttarakhand Jal<br/>Sansthan)</b>                       | 1.25 | 0.50  | Operational | Complying | Non -<br>Complying |
| 10. | Nandprayag (Sangam<br>Road)<br>Distt.-Chamoli<br>(Operated by:<br><b>Uttarakhand Jal<br/>Sansthan)</b>                       | 0.05 | 0.015 | Operational | Complying | Non -<br>Complying |
| 11. | Nandprayag (Forest<br>office)<br>Distt.-Chamoli<br>(Operated by:<br><b>Uttarakhand Jal<br/>Sansthan)</b>                     | 0.10 | 0.09  | Operational | Complying | Non-<br>Complying  |
| 12. | Karanprayag (Police<br>chowki)<br>Distt.-Chamoli<br>(Operated by:<br><b>Uttarakhand Jal<br/>Sansthan)</b>                    | 0.05 | 0.05  | Operational | Complying | Complying          |
| 13. | Karanprayag (Purana<br>pull)<br>Distt.-Chamoli<br>(Operated by:<br><b>Uttarakhand Peyjal<br/>Nigam)</b>                      | 0.10 | 0.047 | Operational | Complying | Non -<br>Complying |
| 14. | Karanprayag (Ward no.<br>1&3)<br>Distt.-Chamoli<br>(Operated by:<br><b>Uttarakhand Peyjal<br/>Nigam)</b>                     | 0.10 | 0.040 | Operational | Complying | Complying          |
| 15. | Karanprayag (Subhash<br>Nagar)<br>Distt.-Chamoli<br>(Operated by:<br><b>Uttarakhand Jal<br/>Sansthan)</b>                    | 0.05 | 0.04  | Operational | Complying | Complying          |
| 16. | Karanprayag (Naya<br>Pull)<br>Distt.-Chamoli<br>(Operated by:                                                                | 0.05 | 0.019 | Operational | Complying | Non -<br>Complying |

|     |                                                                                                      |       |       |                   |                                                                                                                                                                                                                                        |                 |
|-----|------------------------------------------------------------------------------------------------------|-------|-------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
|     | <b>Uttarakhand Peyjal Nigam)</b>                                                                     |       |       |                   |                                                                                                                                                                                                                                        |                 |
| 17. | Rudraprayag (Near AnoopNegi School), Distt. – Rudraprayag<br>(Operated by: Uttarakhand Jal Sansthan) | 0.075 | 0.075 | Non-Operational   | Due to heavy landslides on dt 10.09.2021 nala tapping works and STP foundation damaged, so as a precautionary measures, all equipment's dismantled from STP. DPR for restoration work has been submitted to NMCG. Approval is awaited. |                 |
| 18. | Rudraprayag (Near Rudra Complex), Distt- Rudraprayag<br>(Operated by: Uttarakhand Peyjal Nigam)      | 0.10  | 0.052 | Operational       | Complying                                                                                                                                                                                                                              | Complying       |
| 19. | Rudraprayag (Near Bus Stand) Distt.-Rudraprayag<br>(Operated by: Uttarakhand Peyjal Nigam)           | 0.075 | 0.066 | Operational       | Complying                                                                                                                                                                                                                              | Complying       |
| 20. | Rudraprayag (Near SBI & Masjid), Distt-Rudraprayag<br>(Operated by: Uttarakhand Peyjal Nigam)        | 0.10  | 0.013 | Operational       | Complying                                                                                                                                                                                                                              | Non - Complying |
| 21. | Rudraprayag (Near Steel Bridge), Distt- Rudraprayag<br>(Operated by: Uttarakhand Jal Sansthan)       | 0.125 | 0.125 | Operational       | Complying                                                                                                                                                                                                                              | Complying       |
| 22. | Rudraprayag (Belani) Distt-Rudraprayag<br>(Operated by: Uttarakhand Peyjal Nigam)                    | 0.05  | 0.013 | Operational       | Complying                                                                                                                                                                                                                              | Non - Complying |
| 23. | Kirtinagar (BRO Bridge), Distt.- Tehri<br>(Operated by: Uttarakhand Jal Sansthan)                    | 0.05  | 0.03  | Non - Operational | STP found non – operational due to Mechanical Issue<br>Date of inspection – 12.03.2024)                                                                                                                                                |                 |
| 24. | Kirtinagar (Near Temple), Distt- Tehri<br>(Operated by: Uttarakhand Jal Sansthan)                    | 0.01  | 0.01  | Operational       | Non - Complying                                                                                                                                                                                                                        | Non - Complying |
| 25. | Bhagirathipuram, Distt. -Tehri<br>(Operated by: Uttarakhand Jal Sansthan)                            | 5.00  | 2.50  | Operational       | Complying                                                                                                                                                                                                                              | Non-Complying   |
| 26. | Chorpani, Dhalwala, Distt.-Tehri<br>(Operated by: Uttarakhand Peyjal Nigam)                          | 5.00  | 2.61  | Operational       | Complying                                                                                                                                                                                                                              | Complying       |
| 27. | Chandreshwar Ghat,                                                                                   | 7.50  | 7.012 | Operational       | Complying                                                                                                                                                                                                                              | Complying       |

|     |                                                                                                                   |       |       |                      |                                                    |                    |
|-----|-------------------------------------------------------------------------------------------------------------------|-------|-------|----------------------|----------------------------------------------------|--------------------|
|     | Dhalwala,<br>Distt.-Tehri<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)                                        |       |       |                      |                                                    |                    |
| 28. | Tapovan, Rishikesh<br>Distt.-Tehri<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                               | 3.50  | 1.10  | Operational          | Complying                                          | Non -<br>Complying |
| 29. | Shanti bazar,<br>Devprayag,<br>Distt.-Tehri<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)                      | 0.075 | 0.020 | Operational          | Complying                                          | Complying          |
| 30. | Sangambazar,<br>Devprayag<br>Distt.-Tehri<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)                        | 0.15  | 0.080 | Operational          | Complying                                          | Complying          |
| 31. | Baah Bazar,<br>Devprayag<br>Distt.-Tehri<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                         | 1.40  | 0.04  | Operational          | Non -<br>Complying                                 | Non -<br>Complying |
| 32. | Gyansu, Uttarkashi<br>Distt.-Uttarkashi<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                          | 2.00  | 1.783 | Operational          | Non -<br>Complying                                 | Non -<br>Complying |
| 33. | Gangotri, Uttarkashi<br>Distt.-Uttarkashi<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                        | 1.00  | 0.20  | Non -<br>Operational | STP was non-operational due to<br>seasonal closure |                    |
| 34. | Nursery Road, Srinagar<br>Distt.-Pauri<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)                           | 3.50  | 2.549 | Operational          | Complying                                          | Non -<br>Complying |
| 35. | Srinagar<br>(Near ITI)<br>Distt.-Pauri<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                           | 1.00  | 0.50  | Operational          | Complying                                          | Complying          |
| 36. | Taulia, Srikot<br>Distt.- Pauri Garhwal<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)                          | 0.05  | 0.015 | Operational          | Complying                                          | Complying          |
| 37. | Near Junior High<br>School, Srikot,<br>Srinagar<br>Distt.- Pauri<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam) | 0.075 | 0.073 | Operational          | Complying                                          | Complying          |
| 38. | Swargashram,                                                                                                      | 3.00  | 2.12  | Operational          | Complying                                          | Complying          |

|     |                                                                                                 |       |        |             |                    |                    |
|-----|-------------------------------------------------------------------------------------------------|-------|--------|-------------|--------------------|--------------------|
|     | Rishikesh,<br>Distt.-Pauri<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                     |       |        |             |                    |                    |
| 39. | Lakkarghat, Rishikesh<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)       | 26.00 | 16.438 | Operational | Complying          | Complying          |
| 40. | Jagjeetpur, Haridwar<br>Distt.-Haridwar<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)        | 27.00 | 27.00  | Operational | Complying          | Complying          |
| 41. | Jagjeetpur, Haridwar<br>Distt.-Haridwar<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)        | 18.00 | 18.00  | Operational | Complying          | Complying          |
| 42. | Jagjeetpur, Haridwar<br>Distt.-Haridwar<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)        | 68.00 | 67.81  | Operational | Complying          | Complying          |
| 43. | Sarai (I), Haridwar<br>Distt.-Haridwar<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)         | 18.00 | 18.00  | Operational | Complying          | Complying          |
| 44. | Sarai (II), Haridwar<br>Distt.-Haridwar<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)        | 14.00 | 13.44  | Operational | Complying          | Complying          |
| 45. | Saliyar, Roorkee<br>Distt.-Haridwar<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)            | 33.00 | 20.00  | Operational | Complying          | Non -<br>Complying |
| 46. | Motharawala-I,<br>Dehradun<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)  | 20.00 | 13.52  | Operational | Complying          | Complying          |
| 47. | Motharawala-II,<br>Dehradun<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan) | 20.00 | 11.00  | Operational | Non -<br>Complying | Non -<br>Complying |
| 48. | Kargi, Dehradun<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)             | 68.00 | 13.00  | Operational | Complying          | Complying          |
| 49. | Vijay Colony, Dehradun<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)      | 0.42  | 0.30   | Operational | Complying          | Complying          |
| 50. | Salawala, Dehradun                                                                              | 0.72  | 0.35   | Operational | Complying          | Complying          |

|     |                                                                                                  |      |       |                      |                                                                                            |                    |
|-----|--------------------------------------------------------------------------------------------------|------|-------|----------------------|--------------------------------------------------------------------------------------------|--------------------|
|     | Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                                 |      |       |                      |                                                                                            |                    |
| 51. | Indira Nagar, Dehradun<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)       | 5.00 | 5.00  | Operational          | Complying                                                                                  | Complying          |
| 52. | Jakhan, Dehradun<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)             | 1.00 | 0.14  | Operational          | Complying                                                                                  | Complying          |
| 53. | Bhattafall, Mussoorie<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)        | 3.12 | 0.80  | Non -<br>Operational | STP found closed and non –<br>operational during visit.<br>Date of inspection – 04.03.2024 |                    |
| 54. | Happy Valley,<br>Mussoorie<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)   | 1.20 | 0.20  | Operational          | Complying                                                                                  | Complying          |
| 55. | Landour, South,<br>Mussoorie<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan) | 1.30 | 0.10  | Operational          | Complying                                                                                  | Non -<br>Complying |
| 56. | Landour, North,<br>Mussoorie<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan) | 0.80 | 0.035 | Operational          | Complying                                                                                  | Complying          |
| 57. | Kulri Bazaar,<br>Mussoorie<br>Distt.-Dehradun<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)   | 0.90 | 0.35  | Operational          | Complying                                                                                  | Complying          |
| 58. | Hari Nagar, Nainital<br>Distt.-Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)         | 0.45 | 0.25  | Operational          | Complying                                                                                  | Non -<br>Complying |
| 59. | Krishnapur, Nainital<br>Distt.-Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)         | 0.80 | 0.45  | Operational          | Complying                                                                                  | Non -<br>Complying |
| 60. | Bheemtal, Nainital<br>Distt.-Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)           | 1.25 | 0.810 | Operational          | Complying                                                                                  | Non -<br>Complying |
| 61. | Bakh, Almora<br>Distt.-Almora<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                   | 2.00 | 1.65  | Operational          | Complying                                                                                  | Non -<br>Complying |



|     |                                                                                                   |                |                |                       |                                                        |                    |
|-----|---------------------------------------------------------------------------------------------------|----------------|----------------|-----------------------|--------------------------------------------------------|--------------------|
| 62. | Roosi, Nainital, Distt.-<br>Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)             | 10.00          | 6.75           | Under<br>construction | New STP of 17.5 MLD capacity<br>is under construction. |                    |
| 63. | Ancholi, Pithoragarh<br>Distt.-Pithoragarh<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)       | 5.00           | 1.00           | Operational           | Complying                                              | Non -<br>Complying |
| 64. | Nirada, Pithoragarh<br>Distt.- Pithoragarh<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)       | 1.25           | 0.80           | Operational           | Complying                                              | Non -<br>Complying |
| 65. | Transport Nagar<br>Ramnagar<br>Distt. - Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan) | 7.00           | 2.5            | Operational           | Complying                                              | Complying          |
| 66. | Ramnagar, Puchdi,<br>Distt. - Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)           | 1.50           | 0.15           | Operational           | Complying                                              | Complying          |
| 67. | Narayan Nagar,<br>Nainital<br>Distt. Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)    | 0.450          | -              | Operational           | Complying                                              | Complying          |
| 68. | Marwari, Joshimath<br>Distt. -Chamoli<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)            | 2.70           | 1.02           | Operational           | Complying                                              | Complying          |
| 69. | Haldwani<br>(Indira Nagar)<br>Distt. -Nainital<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)   | 28.00          | 13.8           | Operational           | Complying                                              | Non -<br>Complying |
|     | <b>Total</b>                                                                                      | <b>427.915</b> | <b>277.761</b> |                       |                                                        |                    |

**Details of under construction STPs in the State:**

| Sl. No. | Location                   | Capacity of the plant in MLD | Physical progress in % | Status of I & D or House sewer connections | Completion Timeline |
|---------|----------------------------|------------------------------|------------------------|--------------------------------------------|---------------------|
| 1.      | Kaulagarh Distt. -Dehradun | 3.00                         | 100%                   | -                                          | Trial run started   |
| 2.      | Kashipur Distt. -US Nagar  | 18.00                        | 92%                    | -                                          | DOC-<br>May-2024    |

| Sl. No. | Location                                                                               | Capacity of the plant in MLD | Physical progress in % | Status of I & D or House sewer connections                                                                         | Completion Timeline |
|---------|----------------------------------------------------------------------------------------|------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------|
| 3.      | Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Dhella)               | 10.00                        | 75%                    |                                                                                                                    | DOC- Oct-2024       |
| 4.      | Mukhandpur, Kashipur, Distt. U.S. Nagar (Proposed under River Rejuvenation of Kosi)    | 0.50                         | 60%                    | (Boundary wall is in progress & Reactor Foundation completed                                                       | DOC- Oct-2024       |
| 5.      | Gularia, Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Dhella)      | 0.30                         | 60%                    | (Boundary wall is in progress & Reactor Foundation completed                                                       | DOC- Oct-2024       |
| 6.      | Jaspur Khurd, Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Bhella) | 1.00                         | 50%                    |                                                                                                                    | DOC- Oct-2024       |
| 7.      | Hempur Smile, Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Bhella) | 2.00                         | 15%                    | Administrative Building & HT Substation Building is in progress.                                                   | DOC- Oct-2024       |
| 8.      | Beljudi Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Dhella)       | 0.50                         | 20%                    | Boundary wall is in progress.                                                                                      | DOC- Oct-2024       |
| 9.      | Bazpur Distt. U.S. Nagar (Proposed under River Rejuvenation of Pilakhar)               | 10.00                        | 35%                    | Boundary wall, CCT, SBR & Sludge Handling Unit is in progress.                                                     | DOC- Oct-2024       |
| 10.     | Kichha, Rudrapur Distt. U.S. Nagar (Proposed under River Rejuvenation of Kichha)       | 3.00                         | 15%                    | Administrative Building & HT Substation Building is in progress.<br>BEP Approved.<br>Drawing/Design is in Progress | DOC- Oct-2024       |
| 11.     | Sitarganj Distt. U.S. Nagar (Proposed under River Rejuvenation of Nandhour)            | 3.00                         | 15%                    | SBR is in progress.<br>BEP Approved.<br>Drawing/Design is in Progress.                                             | DOC- Oct-2024       |
| 12.     | Arcadia Zone, Mussoorie Distt. Dehradn                                                 | 0.70                         | 8%                     | Work awarded. BEP / Structural drawing under preparation.                                                          | DOC 29-07-2024      |
| 13.     | Library Zone, Mussoorie Distt. Dehradun                                                | 1.10                         | 42%                    | Site development work & Raw Sewage sump is in progress.                                                            | DOC 29-07-2024      |
| 14.     | Company Garden Zone Mussoorie, Distt. Dehradun                                         | 0.70                         | 25%                    | Site development work is in progress                                                                               | DOC 29-07-2024      |

| Sl. No. | Location                                      | Capacity of the plant in MLD | Physical progress in % | Status of I & D or House sewer connections                                                                                                             | Completion Timeline |
|---------|-----------------------------------------------|------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 15.     | Camel's Back Zone, Mussoorie, Distt. Dehradun | 0.70                         | -                      | Work awarded and review of detail design is in progress.                                                                                               | DOC 29-07-2024      |
| 16.     | Dhobi Ghat Zone, Mussoorie, Distt. Dehradun   | 0.05                         | 65%                    | Chamber, Admin Building, Site Development work in progress.                                                                                            | DOC 29-07-2024      |
| 17.     | Rudraprayag Gaurikund Distt.                  | 0.20                         | 5%                     | Work awarded and BEP, under process                                                                                                                    | DOC 02-10-2024      |
| 18.     |                                               | 0.01                         | 5%                     | Work awarded and BEP, under process                                                                                                                    |                     |
| 19.     |                                               | 0.006                        | 5%                     | Work awarded and BEP, under process                                                                                                                    |                     |
| 20.     |                                               | 0.006                        | 5%                     | Work awarded and BEP, under process                                                                                                                    |                     |
| 21.     | Tilwada Distt. Rudraprayag                    | 0.10                         | 5%                     | Work awarded and BEP, under process                                                                                                                    |                     |
| 22.     | Pandeykhaula Distt. Almora                    | 1.50                         | 80%                    | Work of sewer network laying and house sewer connection is already awarded. Construction work is in progress and likely to be completed by March 2024. | Jun-24              |
| 23.     | Roosi Pond, Nainital Distt. Nainital          | 17.50                        |                        | Work awarded and review of detail design is in progress. <b>(ADB)</b>                                                                                  | DOC-07.05.2025      |
| 24.     | Nakronda, Dehradun, Distt. Dehradun           | 17.50                        | -                      | Work awarded and review of detail design is in progress. <b>(ADB)</b>                                                                                  | DOC-May-2025        |
| 25.     | Daurwala, Dehradun, Distt. Dehradun           | 18.00                        | -                      | Work awarded and review of detail design is in progress. <b>(ADB)</b>                                                                                  | DOC-May - 2025      |
| 26.     | Banjarawala Package -1                        | 11.00                        | -                      | Work awarded and review of detail design is in progress. <b>(ADB)</b>                                                                                  | DOC-16.06.2025      |

| Sl. No.      | Location                                       | Capacity of the plant in MLD | Physical progress in % | Status of I & D or House sewer connections             | Completion Timeline |
|--------------|------------------------------------------------|------------------------------|------------------------|--------------------------------------------------------|---------------------|
| 27.          | Muni ki Reti-Dhalwala, Rishikesh, Distt. Tehri | 8.00                         | 3%                     | Contract bond executed and work started on 01-12-2023. | DOC-03.12.2025      |
| 28.          | Swargashram, Rishikesh Distt. Pauri            | 3.00                         | 6%                     | Contract bond executed and work started on 01-12-2023  | DOC-03.12.2025      |
| 29.          | Neelkanth, Rishikesh Distt. Pauri              | 1.50                         | 2%                     | Contract bond executed and work started on 01-12-2023  | DOC-03.12.2025      |
| 30.          | Sapera Basti, Dehradun                         | 15.00                        | -                      | -                                                      | DOC – 15.03.2026    |
| <b>Total</b> |                                                | <b>147.87</b>                |                        |                                                        |                     |

#### Details of proposed STPs in the State:

| Sl. No. | Location                                                                  | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/Under Trending/Work to be Awarded)                                       | Likely Date of Completion |
|---------|---------------------------------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------|---------------------------|
| 1.      | Khadri, Rishikesh Distt. Dehradun                                         | 5.00                                | Proposed under KfW                                                                                       |                           |
| 2.      | Muni ki Reti-Dhalwala, Rishikesh, Distt. Tehri                            | 0.30                                | Bid submitted on 24-08-2023 and technical bid sent to NMCG for approval through SPMG.                    |                           |
| 3.      | Rudrapur Distt. U.S. Nagar (Proposed under River Rejuvenation of Kalyani) | 0                                   | DPR is being prepared under Namami Gange programme                                                       |                           |
| 4.      | Gyansu Distt. Uttarkashi                                                  | 4.00                                | DPR prepared and sent to State sector for fund allocation.                                               |                           |
| 5.      | Shivalik Nagar, Distt. Haridwar                                           | 8.00                                | Proposed under KfW                                                                                       |                           |
| 6.      | Kotdwar, Distt. Pauri                                                     | 21.00                               | Project sanctioned by NMCG & AA&ES issued on 05-12-2023 and Bid received TBER sent to NMCG for approval. |                           |
| 7.      | Haldwani Distt. Nainital                                                  | 10.50                               | DPR under Preparation <b>(ADB funded project)</b> .                                                      |                           |
| 8.      | Haldwani, Nainital Septage Co-Treatment Plant                             | 0.14                                | DPR under Preparation <b>(ADB funded project)</b> .                                                      |                           |
| 9.      | Vikasnagar, Distt.                                                        | 7.00                                | DPR under Preparation                                                                                    |                           |

| Sl. No. | Location                                        | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/Under Trending/Work to be Awarded) | Likely Date of Completion |
|---------|-------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|---------------------------|
|         | Dehradun                                        |                                     | (ADB funded project).                                              |                           |
| 10.     | Vikasnagar, Dehradun Septage Co-Treatment Plant | 0.01                                | DPR under Preparation (ADB funded project).                        |                           |
|         | <b>Total</b>                                    | <b>55.95</b>                        |                                                                    |                           |

- State of Uttarakhand has made timely progress in Namami Gange Projects. All necessary infrastructure provisions have been ensuring by the State towards pollution abatement on the main stem of River Ganga (Segment-A).
- 32 STPs with treatment capacity of 131.87 MLD have been installed & functional under Namami Gange programme.
- Out of 131 drains, which were draining into River Ganga, 131 drains have been tapped and all the drains have been intercepted and diverted to STPs (44 Nos.).
- In order to ensure the integrated and sustained cleanliness of tributary of River Ganga in Uttarakhand state, the National Mission for Clean Ganga (NMCG) has sanctioned Rs. 223.44 crore for interception and diversion of 17 Nos. drains and establishment of 09 STPs along the 06 Polluted River Stretches. Work started on dated 07.01.2022. 33% work completed rest work in progress"
- Meanwhile, as per directions of the Hon'ble National Green Tribunal in the matter of O.A. 673/2018 dated 06.12.2019 bio-remediation of 19 drains of 09 polluted river stretches have been done for a period of 04 months (Feb-2021 to June-2021) covering Kumbh Mela period under Namami Gange Program.

### 3. DETAILS OF INDUSTRIAL POLLUTION:

|                                                                                      |                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No. of industries in the State                                                       | 12,728<br>6,621 - Industrial Operation<br>6,107 - Non-Industrial Operation                                                                                                                                                                                                                            |
| No. of water polluting industries in the State                                       | 890                                                                                                                                                                                                                                                                                                   |
| Quantity of effluent generated from the industries in MLD                            | 111.1 MLD                                                                                                                                                                                                                                                                                             |
| Number of industrial units having ETPs                                               | 890                                                                                                                                                                                                                                                                                                   |
| Number and total capacity of ETPs (details of existing/ under construction/proposed) | 142.8 MLD                                                                                                                                                                                                                                                                                             |
| Compliance status of the ETPs                                                        | All are complying                                                                                                                                                                                                                                                                                     |
| Number and total capacity of CETPs (details of existing/under construction/proposed) | Existing: 03 CETPs of 13.2 MLD.<br><br>Under construction: Nil<br><b>Proposed CETP:</b><br>Sitarganj- (i) Proposed- 8 MLD (Package i,ii & iii in Module 2 MLD + 3 MLD+3 MLD )<br>Preparation of tender documents for establishing proposed CETP is under process with technical cooperation from GIZ. |
| Status of compliance and operation of the CETPs                                      | <ul style="list-style-type: none"> <li>03 CETPs are operational and are complying with prescribed discharge norms as per monitoring conducted by UKPCB in the month of March 2024.</li> </ul>                                                                                                         |

**Status of Operational CETPs:**

| Industrial Estate         | No. of industries | Industrial discharge | Status of ETPs                                                                                                                                                                                                                                                                                                         | Status of CETPs (existing, under construction & proposed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|-------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IIE, Ranipur, Haridwar    | 531               | 4.5 MLD              | All 530 units are connected to CETP. (01 industry M/s Hero Motocorp has its own ETP)                                                                                                                                                                                                                                   | (Capacity - 5.2 MLD).<br>Operational and complying                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| IIE, Pantnagar (US Nagar) | 499               | 2.0 MLD              | <ul style="list-style-type: none"> <li>For 474 no. units Conveyance system is available (M/S Roquette Riddhi Siddhi Pvt Ltd., IIE Pantnagar has its own ETP).</li> <li>Balance 24 units although having their ETPs/Septic tanks, they will also be connected with CETP as directed by Supervisory Committee</li> </ul> | CETP with 4.0 MLD<br><br>UK Jal Nigam is an Implementing agency for the execution of work, It is also to bring to your kind notice that during the execution of work it is observed that some additional sewer line laying work is required in different sectors due to damaged/missing/non availability of sewer lines for which SIDCUL has awarded the work to implementing agency Uttarakhand Peyjal Nigam (Approved cost Rs. 1908.86 lacs). Implementing agency started the work and work is in progress. Date of completion of work as per M.O.U. is September 2025. |
| ESIP Sitarganj (US Nagar) | 75                | 2.0 MLD              | All units are connected to CETP.                                                                                                                                                                                                                                                                                       | <p>CETP with 4.0 MLD Capacity is operational and complying to the norms.</p> <p><b>Proposed –</b></p> <p>1. Sitarganj- (i) Proposed- 8 MLD (Package i,ii &amp; iii in Module 2+3+3 MLD )</p> <p><b>Note -</b> Based on review done by expert on techno economic feasibility it was concluded that majorly Industries related to Electronics and Aroma are being established in SIIDCUL Kashipur therefore CETP is not required. while in IIE Sitarganj Industrial area is under development so CETP shall be established after Development of Industrial estate.</p>      |

**4. SOLID WASTE MANAGEMENT:**

|                                                         |                                                                           |
|---------------------------------------------------------|---------------------------------------------------------------------------|
| Total number of Urban Local Bodies and their Population | 102 Urban Local Bodies (10 ULBs are newly added)<br>Population- 36,26,586 |
| Current Municipal Solid Waste Generation                | 1690.71 MTPD<br>ULB wise details in enclosed as <b>Annexure-1</b> .       |
| Current Municipal Solid Waste Processed                 | 1544.82 MTPD<br>ULB wise details in enclosed as <b>Annexure-1</b> .       |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Number, installed capacity and utilization of existing MSW processing facilities in TDP (bifurcated by type of processing e.g.- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), bio methanation, MRF etc. Existing Facilities</p> <p><b>Pl. also specify total quantum of waste processing in the State.</b></p> <p><b>Location of MRFs and their capacities.</b></p> <p><b>Location of Plastic compactor, their capacity and year wise quantity of plastic waste compacted and sent for recycling.</b></p> <p><b>Revenue generated</b></p> | <ul style="list-style-type: none"> <li>▪ Three MSW processing &amp; Sanitary Land Fill facilities (SLF) (Dehradun: Capacity 200 TPD, Haridwar: Capacity 150 TPD &amp; Kirtinagar: Capacity 05 TPD) are Constructed/Functional in the State.</li> <li>▪ 13 MSW processing facility has been constructed/Functional in the state.</li> <li>▪ 02 CBG plant are Constructed/functional with total capacity of 58 TPD.</li> <li>▪ Two waste processing &amp; SLF facility i.e., one at Rishikesh (covering 5 ULBs) and one in Haldwani (covering 7 ULBs), project approved, in Haldwani RFP has been revised and in Rishikesh agreement has been done with successful bidder, LoA issued and work initiated .</li> <li>▪ Total 75 Material Recovery Facility is functional having total capacity of 450 MTPD.</li> <li>▪ 630 NADEP are constructed and used for Wet Waste Processing.</li> <li>▪ 1053 Bulk Waste Generator are identified and wet waste is being processed by them on their premises.</li> <li>▪ 93 Aatm Nirbhar Wards are identified. Wet waste is being processed by them within wards and Dry waste is being processed by recycling/reusing through PWP.</li> <li>▪ <i>In NPP Muni-ki-Reti, a 5MTPD capacity Plastic to Plank system has been installed.</i></li> <li>▪ <i>Plastic Compactors- 77 Nos. (Operational).The total capacity of Plastic Compactor in ULBs is 375 Tonnes per day. Revenue generated from the plastic compactors is Rs. 4.69 Cr. till February, 2024 by selling compacted plastics/ bails</i></li> </ul> |
| <p>Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap&gt;20%)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <p>18 CSWTFs are constructed/operational in the state and remaining 47 CSWTF to be constructed which are under different stage of execution.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p>Nos. and capacity of C&amp;D waste processing plants in TDP (existing, proposed and under construction)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>▪ 10 ULBs have identified lands for disposal and collection of C&amp;D waste.</li> <li>▪ Out of above 10 ULBs, 03 C&amp;D Waste processing Plants are proposed in National Clean Air Program Cities viz. Dehradun, Rishikesh &amp; Kashipur.</li> <li>▪ baseline study has been done for collection of data for constructing C &amp; D waste Management Plant in Dehradun, DPR of Rs.15 Cr has been prepared and is being technically examined.</li> <li>▪ Above DPR has been circulated as a model DPR to other 02 NCAP cities/ULBs namely Kashipur and Rishikesh to prepared DPR accordingly.</li> <li>▪ Direction has been issued to 03 NCAP cities to send proposal/DPR for approval.</li> <li>▪ 92 ULBs have reported that the generated C&amp;D waste is being used in backfilling/ filling of low-lying lands.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <p>Total number of Wards-1269<br/>Door to door Collecton-1269<br/>Source Segregation-1132</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)

| Current Status                                                              | Total DPRs | No. of ULBs | Timeline      |
|-----------------------------------------------------------------------------|------------|-------------|---------------|
| DPR Approved                                                                | 62         | 89          |               |
| DPR Under revision as per SBM 2.0 (Shivalik Nagar, Chaukhutiya & Kedarnath) | 03         | 03          | Dec 2024      |
| Total                                                                       | 65         | 92          |               |
| SWM Plant Functional/Completed                                              | 15         | 19          |               |
| SWM Plant under construction/on going                                       | 47         | 70          | December 2024 |

Collection & Transportation Vehicles have been purchased by ULBs in initial phase to implement 100% Door to Door Collection & 100 % Source Segregation.

ULBs are in process of obtaining Environmental Clearance & Consent to Establish, as construction is proposed after obtaining EC/CTE from Competent Authority. Status is as below: -

**Authorization/Environmental Clearance status:**

**EC Obtained/ EC Exempted for following projects**

| S.N. | Name of Project/ULB              | No. of ULBs | Remarks                           |
|------|----------------------------------|-------------|-----------------------------------|
| 1    | Dehradun ISWM Cluster            | 5           | Plant Functional                  |
| 2    | Haridwar                         | 1           | Plant Functional                  |
| 3    | Haldwani – Rudrapur ISWM Cluster | 7           | EC obtained on 10-10-2017         |
| 4    | Rishikesh ISWM Cluster           | 5           | EC obtained on 12-11-2021         |
| 5    | Srinagar                         | 1           | EC obtained on 31-7-2021          |
| 6    | Joshimath                        | 1           | EC obtained on 31-8-2022          |
| 7    | Pauri                            | 1           | EC obtained on 6-3-2023           |
| 8    | Tehri- Chamba ISWM Cluster       | 2           | EC obtained on 30-5-2023          |
| 9    | Dineshpur                        | 1           | EC Exempted vide MoM dt. 8-5-2022 |
|      | <b>Total</b>                     | <b>24</b>   | -                                 |



|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                             |                    |                                                                                      |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|--------------------|--------------------------------------------------------------------------------------|
|  | <b>EC Applied/Under Process for following projects</b>                                                                                                                                                                                                                                                                                                                                                                                                                                |                             |                    |                                                                                      |
|  | <b>S.N.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Name of Project/ULB</b>  | <b>No. of ULBs</b> | <b>Remarks</b>                                                                       |
|  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Kotdwar ISWM Cluster        | 1                  | Final EIA report submitted on parivesh portal 09-02-2024                             |
|  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Pithoragarh                 | 1                  | Conditional ToR granted vide letter dt. 13-5-2023                                    |
|  | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Gauchar                     | 1                  | ToR applied                                                                          |
|  | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Roorkee ISWM Cluster        | 5                  | Public Hearing held on 15-03-2024                                                    |
|  | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Sitarganj                   | 1                  | ToR to be applied                                                                    |
|  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Mahuakhedaganj              | 1                  | ToR to be applied                                                                    |
|  | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Naugaon (Uttarkashi)        | 1                  | ToR applied on 02-03-2024                                                            |
|  | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Kirtinagar                  | 1                  | ToR issued 13-5-2023                                                                 |
|  | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Gadarpur ISWM Cluster       | 4                  | ToR to be applied                                                                    |
|  | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Karnprayag                  | 1                  | DD for Public hearing has been submitted on 26-02-2024<br>Draft EIA report submitted |
|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Total</b>                | <b>17</b>          |                                                                                      |
|  | <b>EC of following Projects Rejected</b>                                                                                                                                                                                                                                                                                                                                                                                                                                              |                             |                    |                                                                                      |
|  | <b>S. N.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Name of Project/ULBs</b> | <b>No. of ULBs</b> | <b>Remarks</b>                                                                       |
|  | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Almora                      | 1                  | -                                                                                    |
|  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Ramnagar                    | 1                  | -                                                                                    |
|  | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Chamoli                     | 1                  | ToR not granted vide letter dt. 13-5-2023                                            |
|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Total</b>                | <b>3</b>           |                                                                                      |
|  | <b>Authorisation Obtained: - Dehradun (5), Haridwar (1), Gauchar, Badrinath, Chamiyala, Augustmuni, Lambgaon, Ghansali, Dugadda, Chinyalisaur, Dineshpur, Naugaon, Pipalkoti, Barkot, Gairsain, Pirankaliyar, Devprayag, Kirtinagar, Rishikesh, Srinagar i.e. 24 ULBs.</b><br><b>The authorisation obtained by ULBs is for 24 ULBs now and have increased from 6 ULBs to 24 ULBs.</b><br><b>Applied for Authorization: Purola, Roorkee, Mahuakhedaganj, Manglaur &amp; Champawat.</b> |                             |                    |                                                                                      |

|                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills                                                                | <ul style="list-style-type: none"> <li>Legacy Waste/ Old Garbage Dump Site: There are 50 Legacy waste/ garbage dumpsites in the state. <ul style="list-style-type: none"> <li>DPR of 08 Dumpsites covering 07 ULBs has been approved and fund has been received from GOI.</li> <li>Principle approval obtained from NARC (SBM) for the DPR of 06 Legacy waste/ garbage dumpsites covering 06 ULBs.</li> <li>01 DPR of covering 01 ULB is under review at MoHUA, GoI for approval.</li> <li>4.67 MT legacy waste has been remediated against the total 22.45 MT.</li> </ul> </li> <li>Sanitary Land Fill: 03 Scientific Sanitary Landfills (Kirtinagar, Haridwar &amp; Dehradun) are in operation.</li> </ul> |
| No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers                                                            | <p>07 (Uttarkashi, Haldwani, Kotdwar, Doiwala, Srinagar, Rishikesh &amp; Purola), as informed by respective ULBs.</p> <p>Legacy Waste of Kotdwar has been remediated</p> <p>In Srinagar legacy Waste has been shifted away from Ganga River.</p> <p>In Uttarkashi, ULB has enclosed the legacy waste site by constructing boundary wall of 3 m. height. Tender process has been completed and work order has been done, Remediation of legacy is under process.</p>                                                                                                                                                                                                                                          |
| No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers | <p>There is total 131 small and big drains identified in Ganga Towns, tapping/ jaal on drains done in all the drains. Tapping works are done by Uttarakhand Jal Nigam and regular cleaning is being done by concern ULBs.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

#### **Status of ULB wise Management of Solid Waste:**

**Treatment and Disposal facility for SWM- Land Identification and Procurement status is as follows against 65 DPR Covering 92 ULBs):**

- Procurement of land completed for 56 Projects **covering 82** ULBs.
- Forest Land/Revenue Land is Identified and under process of transfer for 09 Projects covering 10 ULBs.

#### **5. BIO-MEDICAL WASTE MANAGEMENT:**

|                                             |                                                                                                                                                                                                    |
|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Bio-medical generation                | 7113.3678 Kg/day.<br>(Year 2022)                                                                                                                                                                   |
| No. of Hospitals and Health Care Facilities | 6002 Nos.                                                                                                                                                                                          |
| Status of Treatment Facilities/CBMWTF       | <p>Two CBMTF facilities are operational in the State permitted for treatment of 101.67 MT per month waste.</p> <p>Two more CBMWTFs are proposed in Narendra Nagar (Distt. Tehri) and Sitarganj</p> |

|  |                                                                                                |
|--|------------------------------------------------------------------------------------------------|
|  | (US Nagar) for which Environmental Clearance from SEIAA and CTE form UKPCB have been accorded. |
|--|------------------------------------------------------------------------------------------------|

## 6. HAZARDOUS WASTE MANAGEMENT:

|                                                              |                                                                                          |
|--------------------------------------------------------------|------------------------------------------------------------------------------------------|
| Total Hazardous Waste generation                             | 21876.0844 Tonnes<br>(Year 2022-23)                                                      |
| No. of Industries generation Hazardous waste                 | 457Nos.                                                                                  |
| Treatment Capacity of all TSDFs                              | Incineration-12000 MT/Year<br>Land filling-8000 MT/Year                                  |
| Quantity of Hazardous waste reached the TSDFs (Year 2022-23) | 9341.613 MT (Landfill – 3606.123 MT & Incineration – 5700.589 MT)                        |
| Treated (Year 2022-23)                                       | Landfillable: 3606.123 MT<br>Incinerable: 5735.49 MT (34.901 MT from the previous stock) |
| Details of on-going or proposed TSDF                         | Capacity utilization of existing facility is proposed.                                   |

## 7. PLASTIC WASTE MANAGEMENT:

|                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total Plastic Waste generation                                          | 55991 MTPA<br>(From 102 ULBs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Treatment/Measures adopted for reduction or management of plastic waste | <ul style="list-style-type: none"> <li>▪ 77 Nos. Plastic Compactors are functional on cluster basis to cater 92 ULBs. Rs. 154.68 Lakhs has been released by the UKPCB for this purpose.</li> <li>▪ Revenue generated from the plastic compactors is Rs. <b>4.69 Cr.</b> by selling of compacted plastics/ bails till date</li> <li>▪ Total capacity of Compactor is 375 Tonnes per day.</li> <li>▪ 62 Plastic Waste recycling units are registered with the Uttarakhand Pollution Control Board with an installed recycling capacity of 177000Ton/Annum.</li> <li>▪ State Level Monitoring Committee (SLMC) for Plastic Waste Management has been constituted by the State Government vide G.O. No. 1445/IV(3)-201912(1 Sa.)/2017 dated 03.07.2019.</li> <li>▪ <b>SLMC Meeting convened on 16.09.2022, 04.10.2022, 09.11.2022, 09-03-2023, 28-04-2023, &amp; 21-07-2023.</b></li> <li>▪ The Government of Uttarakhand has imposed restriction on supply, carry, storage, transportation, manufacturing, sale, purchase and import of identified Single Use Plastic items vide notification dated 16.02.2021.</li> <li>▪ The Government of Uttarakhand has constituted a Special Task Force under chairmanship of Chief Secretary and District Level task Force under chairmanship of District Magistrate vide notification dated 31.08.2021 to eliminate banned single use plastic items, in mission mode.</li> <li>▪ Awareness campaign is being done for elimination of banned single use plastic items in the State.</li> <li>▪ SUP Ban Drive/Inspection Drive is being done regularly and Challan is being imposed on violators.</li> <li>▪ SUP grievance app has created by CPCB.</li> </ul> |

**OTHERS:**

|    |                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8. | Details of Alternate Treatment Technology being adopted by the State/UT                                                                | <p>The treatment technologies i.e., SBR, MBBR, SBT and Electro Coagulation are being used in the State for STPs.</p> <p>In addition of above, Bio remediation treatment technology has been adopted for treatment of drains for the period till STPs are constructed and becomes functional.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 9. | Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in situ treatment. | <p><b>Main Ganga Stream:</b> Total 135 drains identified along the main stream of river Ganga. Out of 135 drains, 131 drains sanctioned by NMCG New Delhi. Remaining 4 drains, 3 drain of Srikot have not sanctioned because BOD&lt;30 and 1 drain of Rawali Mehdood is under Sidcul. Out of 131 sanctioned drains 131 drains have been tapped.</p> <p><b>Dehradun:</b> Total 177 nos small household drains has been sanctioned for I&amp;D under Namami Gange Programme. All I&amp;D works (144 Nos.) of Bindal river is completed.</p> <p><b>Ramnagar:</b> Total 06 nos. drains has been sanctioned under Namami Gange programme. All Nala have been tapped.</p> <p><b>09 Polluted Stretches:</b></p> <p>A. 17-drains has been sanctioned under Namami Gange for 6 stretches (Bhela, Dhela, Kichha, Kosi, Nandhore, Pilkhar and Kashipur Distt. Udham Singh Nagar). 33% work completed. Rest work is in progress."</p> <p>B. The polluting stretch Kalyani River (Kumaon), DPR is under preparation by UKPJN &amp; consultant has been finalised. DPR expected to be submitted.</p> <p>C. The polluting stretch Suswa River (Dehradun) is taken up under DPR approved for I&amp;D works of Rispana &amp; Bindal Rivers under Namami Gange Projects.</p> <p>D. Polytechnic drains or Lakkarghat drain is the treated effluent channels for new 26 MLD STP based on SBR technology has been commissioned at Lakkarghat.</p> <p>E. The polluted River stretch (from Haridwar to Sultanpur) is already meeting the bathing water criteria and considered as model River.</p> <p>Bio-remediation of drains – DPR of Rs. 259 Lakh was approved by NMCG for total 19 drains on dated 14.12.2020.</p> <p>06 Drains Kichch River.</p> <p>03 Drains Suswa River.</p> <p>01 Drains Rispana River.</p> <p>01 Drains Bindal River.</p> |

|     |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                                                                                                                               | 07 Drains River Bhella, Kichcha and Pilakhar.<br>01 Drains Ukrouli, Sitraganj.<br>Bioremediation works has been completed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 10. | Details of Nodal Officer appointed by Chief Secretary in the State/UT                                                                         | Environmental Cell has been setup in the office of Chief Secretary, Govt. of Uttarakhand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 11. | Details of meetings carried under the Chairmanship of Chief Secretary in the State/UT                                                         | Meetings of CMC held on dated 10.02.2021, 04.03.2021, 09.07.2021, 15.11.2021, 04.02.2022, 09.06.2022, 20.09.2022, 10.01.2023, 12.05.2023, 12.09.2023 and 11.01.2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 12. | Latest water quality of polluted river, its tributaries, drains with flow details and groundwater quality in the catchment of polluted river. | Surface water quality monitoring of 09 polluted river stretches during the month of March, 2024 is enclosed as <b>Annexure-2</b> .<br><br>It is state that River Ganga (Haridwar to Sultanpur) (Priority-IV) is already achieved Class "B" water, therefore, may be de-listed from the polluted river stretches.                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 13. | Groundwater regulation                                                                                                                        | ----                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 14. | Good irrigation practices being adopted by the State.                                                                                         | Treated waste water of 27 MLD & 68 MLD STP's at Jagjeetpur, Haridwar is already being re-used for irrigation through Canal system constructed for this purpose.<br><br>A part from this micro irrigation practices such as sprinkler and drip irrigation are being adopted by the irrigation department.                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 15. | Rain Water Harvesting                                                                                                                         | It is being implemented through Catch the Rain Campaign.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 16. | Demarcation of Floodplain and removal of illegal encroachments.                                                                               | out of 9 polluted stretches (Bhela, Dhela, Suswa, Gola (Kichchha), Kalyani, Ganga, Kosi, Nandhor and Pikhali), 4 stretches are Non- Perennial hence no flood plain zoning is to be done. Out of remaining 5 stretches, flood plain Zoning in River Ganga (Haridwar to Sultanpur) had been notified in 11th May, 2018. Remaining 3 stretches Flood Plain Zoning Work in Suswa, Kosi and Gola rivers (Kichchha) is in final phase and will be completed by June 2024                                                                                                                                                                                                                                                                    |
| 17. | Maintaining minimum e-flow of river.                                                                                                          | Government of Uttarakhand has directed to all Hydro Electric Projects Developers in the State of Uttarakhand to release minimum E-Flow of 15 % of the average lean season.<br><br>Uttarakhand Jal Vidhyut Nigam Ltd (UJVNL) as the nodal agency for the compliance of minimum E-Flow in the State of Uttarakhand. As per the information provided by the UJVNL for the month of March, 2024: <ul style="list-style-type: none"> <li>▪ All 07-HEPs located in the main Ganga basin and having &gt; 25 MW capacity are complying the prescribed norms except the Srinagar Hydro Power Project.</li> <li>▪ All 05-HEPs located in other than main Ganga basin and having &gt; 25 MW capacity are complying with e-flow norms.</li> </ul> |

|        |                                         | <ul style="list-style-type: none"><li>All 20 HEPs having &lt;25 MW capacity located in the State are complying with e-flow norms.<br/>Details of E-flow of March, 2024 is enclosed as <b>Annexure 3(A), 3(B) &amp; 3(C).</b></li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                  |             |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
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| 18.    | Plantation activities along the rivers. | <div>1. <b>Plantations in Catchments of Ganga &amp; its Tributaries under various schemes of CAMPA in Uttarakhand:</b></div> <table><tr><th>S. No.</th><th>Year</th><th>Plantations (ha)</th></tr><tr><td>1.</td><td>2020-21</td><td>5181.64</td></tr><tr><td>2.</td><td>2021-22</td><td>3781.46</td></tr><tr><td>3.</td><td>2022-23</td><td>3802.70</td></tr><tr><td>4.</td><td>2023-24*</td><td>2895.83</td></tr><tr><td></td><td><b>Total</b></td><td><b>15661.63</b></td></tr></table> <div>*in progress</div> <div>2. <b>Plantations under ‘Namami Gange’ Project utilizing CAMPA funds in various Ganga districts:</b></div> <table><tr><th>S. No.</th><th>Year</th><th>ASW (ha)</th><th>Plantations (ha)</th></tr><tr><td>1.</td><td>2022-23</td><td>1390.00</td><td>-</td></tr><tr><td>2.</td><td>2023-24 *</td><td>1104.00</td><td>1390.00</td></tr><tr><td></td><td><b>Total</b></td><td><b>2494.00</b></td><td><b>1390.00</b></td></tr></table> <div>* in progress</div> <div>3. <b>Activities implemented under River Rejuvenation scheme of CAMPA</b></div> <table><tr><th>S. No.</th><th>Year</th><th>Name of Activity</th><th>Unit</th><th>Achievement</th></tr><tr><td>1.</td><td>2018-19</td><td>Plantation</td><td>Nos.</td><td>180000</td></tr><tr><td>2.</td><td>2019-20</td><td>Plantation</td><td>Nos.</td><td>47000</td></tr><tr><td>3.</td><td rowspan="5">2020-21</td><td>Plantation</td><td>Nos.</td><td>60000</td></tr><tr><td>4.</td><td>Contour Trenches</td><td>Nos.</td><td>83376</td></tr><tr><td>5.</td><td>Recharge Ponds</td><td>Nos.</td><td>1999</td></tr><tr><td>6.</td><td>Percolation Tanks</td><td>Nos.</td><td>530</td></tr><tr><td>7.</td><td>Assisted Natural Regeneration</td><td>Ha</td><td>124</td></tr><tr><td>8.</td><td rowspan="8">2021-22</td><td>Plantation</td><td>Ha</td><td>55</td></tr><tr><td>9.</td><td>Water Bodies (10 KL)</td><td>Nos.</td><td>8</td></tr><tr><td>10.</td><td>Water Bodies (20 KL)</td><td>Nos.</td><td>22</td></tr><tr><td>11.</td><td>Water Bodies (40 KL)</td><td>Nos.</td><td>8</td></tr><tr><td>12.</td><td>Water Bodies (50 KL)</td><td>Nos.</td><td>10</td></tr><tr><td>13.</td><td>Water Harvesting Tanks</td><td>Nos.</td><td>53</td></tr><tr><td>14.</td><td>Check Dams</td><td>Nos.</td><td>81</td></tr><tr><td>15.</td><td>Contour Trenches</td><td>Nos</td><td>25166</td></tr></table> <div>4. <b>Work under Hon. NGT order in OA 673/2018 (Treatment of critically polluted river stretches (namely Bhella, Dhella, Suswa, Pilakhar,</b></div> | S. No.           | Year        | Plantations (ha) | 1. | 2020-21 | 5181.64 | 2. | 2021-22 | 3781.46 | 3. | 2022-23 | 3802.70 | 4. | 2023-24* | 2895.83 |  | <b>Total</b> | <b>15661.63</b> | S. No. | Year | ASW (ha) | Plantations (ha) | 1. | 2022-23 | 1390.00 | - | 2. | 2023-24 * | 1104.00 | 1390.00 |  | <b>Total</b> | <b>2494.00</b> | <b>1390.00</b> | S. No. | Year | Name of Activity | Unit | Achievement | 1. | 2018-19 | Plantation | Nos. | 180000 | 2. | 2019-20 | Plantation | Nos. | 47000 | 3. | 2020-21 | Plantation | Nos. | 60000 | 4. | Contour Trenches | Nos. | 83376 | 5. | Recharge Ponds | Nos. | 1999 | 6. | Percolation Tanks | Nos. | 530 | 7. | Assisted Natural Regeneration | Ha | 124 | 8. | 2021-22 | Plantation | Ha | 55 | 9. | Water Bodies (10 KL) | Nos. | 8 | 10. | Water Bodies (20 KL) | Nos. | 22 | 11. | Water Bodies (40 KL) | Nos. | 8 | 12. | Water Bodies (50 KL) | Nos. | 10 | 13. | Water Harvesting Tanks | Nos. | 53 | 14. | Check Dams | Nos. | 81 | 15. | Contour Trenches | Nos | 25166 |
| S. No. | Year                                    | Plantations (ha)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |             |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 1.     | 2020-21                                 | 5181.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |             |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 2.     | 2021-22                                 | 3781.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |             |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 3.     | 2022-23                                 | 3802.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |             |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 4.     | 2023-24*                                | 2895.83                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                  |             |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
|        | <b>Total</b>                            | <b>15661.63</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |             |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| S. No. | Year                                    | ASW (ha)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Plantations (ha) |             |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 1.     | 2022-23                                 | 1390.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                |             |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 2.     | 2023-24 *                               | 1104.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1390.00          |             |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
|        | <b>Total</b>                            | <b>2494.00</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>1390.00</b>   |             |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| S. No. | Year                                    | Name of Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unit             | Achievement |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 1.     | 2018-19                                 | Plantation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nos.             | 180000      |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 2.     | 2019-20                                 | Plantation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nos.             | 47000       |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 3.     | 2020-21                                 | Plantation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nos.             | 60000       |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 4.     |                                         | Contour Trenches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Nos.             | 83376       |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 5.     |                                         | Recharge Ponds                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Nos.             | 1999        |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 6.     |                                         | Percolation Tanks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Nos.             | 530         |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 7.     |                                         | Assisted Natural Regeneration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Ha               | 124         |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 8.     | 2021-22                                 | Plantation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ha               | 55          |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 9.     |                                         | Water Bodies (10 KL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Nos.             | 8           |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 10.    |                                         | Water Bodies (20 KL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Nos.             | 22          |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 11.    |                                         | Water Bodies (40 KL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Nos.             | 8           |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 12.    |                                         | Water Bodies (50 KL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Nos.             | 10          |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 13.    |                                         | Water Harvesting Tanks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Nos.             | 53          |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 14.    |                                         | Check Dams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nos.             | 81          |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |
| 15.    |                                         | Contour Trenches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Nos              | 25166       |                  |    |         |         |    |         |         |    |         |         |    |          |         |  |              |                 |        |      |          |                  |    |         |         |   |    |           |         |         |  |              |                |                |        |      |                  |      |             |    |         |            |      |        |    |         |            |      |       |    |         |            |      |       |    |                  |      |       |    |                |      |      |    |                   |      |     |    |                               |    |     |    |         |            |    |    |    |                      |      |   |     |                      |      |    |     |                      |      |   |     |                      |      |    |     |                        |      |    |     |            |      |    |     |                  |     |       |

|                               |                                  | <table><tr><th colspan="5">Nandhour and Kalyani rivers):</th></tr><tr><th>S. No.</th><th>Year</th><th>Name of Activity</th><th>Unit</th><th>Achiev<br/>ement</th></tr><tr><td>1.</td><td rowspan="5">2020-21</td><td>Plantation</td><td>Nos.</td><td>4000</td></tr><tr><td>2.</td><td>Crate Wire Wall</td><td>Nos.</td><td>12</td></tr><tr><td>3.</td><td>Spur</td><td>Nos.</td><td>26</td></tr><tr><td>4.</td><td>Contour Trenches</td><td>RM.</td><td>2000</td></tr><tr><td>5.</td><td>Check Dams</td><td>Nos.</td><td>142</td></tr><tr><td>6.</td><td rowspan="3">2021-22</td><td>Advance Soil Works</td><td>Ha</td><td>6</td></tr><tr><td>7.</td><td>Pitching Work</td><td>CUM</td><td>882</td></tr><tr><td>8.</td><td>CC Blocks</td><td>RM</td><td>69.5</td></tr></table> <p><b>Note:</b> not approved in APO 2022-23 and 2023-24.</p> <p><b>5. Works under conservation of flood plain zones of Ganga River in OA No. 200/2014</b></p> <table><tr><th>S. No.</th><th>Year</th><th>Name of Activity</th><th>Unit</th><th>Achiev<br/>ement</th></tr><tr><td>1.</td><td rowspan="2">2021-22</td><td>Advance Soil Works</td><td>Ha</td><td>131.94</td></tr><tr><td>2.</td><td>Check Dams</td><td>Nos.</td><td>1142</td></tr><tr><td>3</td><td>2022-23</td><td>Plantations</td><td>Ha</td><td>163.00</td></tr><tr><td>4</td><td></td><td>Check Dams</td><td>Nos.</td><td>713</td></tr><tr><td>5</td><td>2023-24*</td><td>Plantations</td><td>Ha</td><td>122.44</td></tr><tr><td></td><td></td><td>Check Dams</td><td>Nos.</td><td>770</td></tr></table> <p><b>6. Works under conservation &amp; development of wetlands in OA No. 325/2015</b></p> <table><tr><th>S. No.</th><th>Year</th><th>Name of Activity</th><th>Unit</th><th>Achiev<br/>ement</th></tr><tr><td>1.</td><td rowspan="4">2022-22</td><td>Plantation</td><td>Ha</td><td>24.00</td></tr><tr><td>2.</td><td>Check Dams</td><td>Nos.</td><td>1035</td></tr><tr><td>3.</td><td>Contour Trenches</td><td>Ha</td><td>5.00</td></tr><tr><td>4.</td><td>Percolation Pits</td><td>Ha</td><td>50.00</td></tr><tr><td>5.</td><td></td><td>Maintenance, cleaning works etc.</td><td>Ha</td><td>5.00</td></tr><tr><td>6</td><td>2023-24</td><td>Plantation</td><td>Ha</td><td>2.40</td></tr></table> <p><b>Note:</b> progress as per MIS dt. 31.03.2024</p> | Nandhour and Kalyani rivers): |                 |  |  |  | S. No. | Year | Name of Activity | Unit | Achiev<br>ement | 1. | 2020-21 | Plantation | Nos. | 4000 | 2. | Crate Wire Wall | Nos. | 12 | 3. | Spur | Nos. | 26 | 4. | Contour Trenches | RM. | 2000 | 5. | Check Dams | Nos. | 142 | 6. | 2021-22 | Advance Soil Works | Ha | 6 | 7. | Pitching Work | CUM | 882 | 8. | CC Blocks | RM | 69.5 | S. No. | Year | Name of Activity | Unit | Achiev<br>ement | 1. | 2021-22 | Advance Soil Works | Ha | 131.94 | 2. | Check Dams | Nos. | 1142 | 3 | 2022-23 | Plantations | Ha | 163.00 | 4 |  | Check Dams | Nos. | 713 | 5 | 2023-24* | Plantations | Ha | 122.44 |  |  | Check Dams | Nos. | 770 | S. No. | Year | Name of Activity | Unit | Achiev<br>ement | 1. | 2022-22 | Plantation | Ha | 24.00 | 2. | Check Dams | Nos. | 1035 | 3. | Contour Trenches | Ha | 5.00 | 4. | Percolation Pits | Ha | 50.00 | 5. |  | Maintenance, cleaning works etc. | Ha | 5.00 | 6 | 2023-24 | Plantation | Ha | 2.40 |
|-------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------|--|--|--|--------|------|------------------|------|-----------------|----|---------|------------|------|------|----|-----------------|------|----|----|------|------|----|----|------------------|-----|------|----|------------|------|-----|----|---------|--------------------|----|---|----|---------------|-----|-----|----|-----------|----|------|--------|------|------------------|------|-----------------|----|---------|--------------------|----|--------|----|------------|------|------|---|---------|-------------|----|--------|---|--|------------|------|-----|---|----------|-------------|----|--------|--|--|------------|------|-----|--------|------|------------------|------|-----------------|----|---------|------------|----|-------|----|------------|------|------|----|------------------|----|------|----|------------------|----|-------|----|--|----------------------------------|----|------|---|---------|------------|----|------|
| Nandhour and Kalyani rivers): |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                               |                 |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| S. No.                        | Year                             | Name of Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Unit                          | Achiev<br>ement |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 1.                            | 2020-21                          | Plantation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Nos.                          | 4000            |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 2.                            |                                  | Crate Wire Wall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Nos.                          | 12              |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 3.                            |                                  | Spur                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Nos.                          | 26              |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 4.                            |                                  | Contour Trenches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | RM.                           | 2000            |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 5.                            |                                  | Check Dams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Nos.                          | 142             |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 6.                            | 2021-22                          | Advance Soil Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ha                            | 6               |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 7.                            |                                  | Pitching Work                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | CUM                           | 882             |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 8.                            |                                  | CC Blocks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | RM                            | 69.5            |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| S. No.                        | Year                             | Name of Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Unit                          | Achiev<br>ement |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 1.                            | 2021-22                          | Advance Soil Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ha                            | 131.94          |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 2.                            |                                  | Check Dams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Nos.                          | 1142            |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 3                             | 2022-23                          | Plantations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ha                            | 163.00          |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 4                             |                                  | Check Dams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Nos.                          | 713             |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 5                             | 2023-24*                         | Plantations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Ha                            | 122.44          |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
|                               |                                  | Check Dams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Nos.                          | 770             |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| S. No.                        | Year                             | Name of Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Unit                          | Achiev<br>ement |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 1.                            | 2022-22                          | Plantation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ha                            | 24.00           |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 2.                            |                                  | Check Dams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Nos.                          | 1035            |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 3.                            |                                  | Contour Trenches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ha                            | 5.00            |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 4.                            |                                  | Percolation Pits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ha                            | 50.00           |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 5.                            |                                  | Maintenance, cleaning works etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Ha                            | 5.00            |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 6                             | 2023-24                          | Plantation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ha                            | 2.40            |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 19.                           | Development of biodiversity park | -----                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                               |                 |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |
| 20.                           | Reuse of treated Water.          | <p>Treated waste water of 27 MLD &amp; 68 MLD STP's at Jagjeetpur, Haridwar is already being re-used for irrigation through Canal system constructed for this purpose.</p> <p>A part from this micro irrigation practices such as sprinkler and drip irrigation are being adopted by the irrigation department.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                               |                 |  |  |  |        |      |                  |      |                 |    |         |            |      |      |    |                 |      |    |    |      |      |    |    |                  |     |      |    |            |      |     |    |         |                    |    |   |    |               |     |     |    |           |    |      |        |      |                  |      |                 |    |         |                    |    |        |    |            |      |      |   |         |             |    |        |   |  |            |      |     |   |          |             |    |        |  |  |            |      |     |        |      |                  |      |                 |    |         |            |    |       |    |            |      |      |    |                  |    |      |    |                  |    |       |    |  |                                  |    |      |   |         |            |    |      |

|     |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 21. | Model River being adopted by the State & Action Proposed for achieving the bathing. | River Ganga from Haridwar to Sultanpur stretch has been identified as a model river for achieving the bathing quality standards. The model River report has been prepared and approved by River Rejuvenation Committee meeting held on 10.02.2021.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 22. | Status of preparation of Action Plan by the 13 Coastal States                       | Not related to the State of Uttarakhand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 23. | Regulation of Mining Activities in the State/UT.                                    | <p>River Bed Mining in the State of Uttarakhand is carried out in a scientific and highly regulated manner as per the provisions of State Mining Policy and Uttarakhand Minor Minerals Rules, 2023 taking due care of environment and ecology of the area. It is compulsory to obtain Environment Clearance under EIA Notification 2006 prior to sanction of Mining Leases. Excavation of river bed mining is carried out as per approved mining plan and the Sustainable Sand Mining Guidelines-2016 of Ministry of Environment, Forest and Climate Change, Government of India within the demarcated area up to a depth of 03 meter or ground level whichever is less. It is also compulsory to obtain Consent to Establish and Operate from State Pollution Control Board before commencing the Excavation of river bed mining. Excavation of RBM is done manually. The State Mining Policy and Rules does not permit use of machines i.e. JCB, Poclane etc. for excavation of River Bed Material. River Bed Mining is not permitted during the Monsoon season from 1<sup>st</sup> July onwards up to 30<sup>th</sup> September and also from sunset to sunrise. Transportation of RBM is carried out on E-Transit Pass.</p> <p>The State Government is committed to stop illegal mining and illegal transportation of mineral. State Government has taken following measures to prevent illegal mining and illegal transportation: -</p> <ol style="list-style-type: none"> <li>1- State Government has formulated Uttarakhand Mineral (illegal mining, transportation and storage prevention) Rules, 2021 wherein provisions have been made to impose a penalty on persons found guilty of illegal mining and illegal transportation.</li> <li>2- The State Government has constituted "District Anti-Illegal Mining Force" in each District for prevention of illegal mining.</li> <li>3- The State Government has constituted an "Independent Complaint Redressal Committee" which is chaired by retired judge.</li> <li>4- Directorate Geology and mining has developed a "Complaint Redressal Portal" for redressal of the complaints related to mining.</li> </ol> |



|       |                                                                                                                  | <p>5- The State has C.M. Helpline portal for redressal of the complaints related to mining which is monitored weekly by Secretary, Mining and Monthly by the hon'ble Chief minister.</p> <p>6- At Directorate level “Enforcement Cell” has been constituted which regularly make surprised field visits and take punitive actions against the mining lease holders, stockist and stone crushers/screening plants.</p> <p>7- At District level officials from Revenue Department, Mining Department, Forest Department and Police Department carry out the enforcement work for prevention of illegal mining, illegal storage and illegal transportation.</p> <p>In the Month of March 2024, a 265 Cases of illegal mining/illegal transportation/illegal storage and a total 2.12 crore has been recovered from them.</p> <p>The enforcement work done to prevent illegal mining/illegal transportation/illegal storage in the last eight financial years is as follows: -</p> <table><tr><th>S. N.</th><th>Financial Year</th><th>Illegal mining/ storage/ transportation cases</th><th>Penalty Recovered (In Rs. Crore)</th></tr><tr><td>1.</td><td>2015-2016</td><td>1324</td><td>12.27</td></tr><tr><td>2.</td><td>2016-2017</td><td>1424</td><td>4.41</td></tr><tr><td>3.</td><td>2017-2018</td><td>3231</td><td>9.44</td></tr><tr><td>4.</td><td>2018-2019</td><td>2649</td><td>26.99</td></tr><tr><td>5.</td><td>2019-2020</td><td>2502</td><td>9.62</td></tr><tr><td>6.</td><td>2020-2021</td><td>2752</td><td>18.05</td></tr><tr><td>7.</td><td>2021-2022</td><td>1818</td><td>13.17</td></tr><tr><td>8.</td><td>2022-23</td><td>2250</td><td>17.04</td></tr><tr><td>9.</td><td>2023-24<br/>Upto March 2024</td><td>2512</td><td>19.17</td></tr><tr><td></td><td><b>Total</b></td><td><b>20,462</b></td><td><b>130.16</b></td></tr></table> <p>Thus, the State Government is committed to stop illegal mining, illegal storage and illegal transportation of mineral in the State.</p> | S. N.                            | Financial Year | Illegal mining/ storage/ transportation cases | Penalty Recovered (In Rs. Crore) | 1. | 2015-2016 | 1324 | 12.27 | 2. | 2016-2017 | 1424 | 4.41 | 3. | 2017-2018 | 3231 | 9.44 | 4. | 2018-2019 | 2649 | 26.99 | 5. | 2019-2020 | 2502 | 9.62 | 6. | 2020-2021 | 2752 | 18.05 | 7. | 2021-2022 | 1818 | 13.17 | 8. | 2022-23 | 2250 | 17.04 | 9. | 2023-24<br>Upto March 2024 | 2512 | 19.17 |  | <b>Total</b> | <b>20,462</b> | <b>130.16</b> |
|-------|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------|-----------------------------------------------|----------------------------------|----|-----------|------|-------|----|-----------|------|------|----|-----------|------|------|----|-----------|------|-------|----|-----------|------|------|----|-----------|------|-------|----|-----------|------|-------|----|---------|------|-------|----|----------------------------|------|-------|--|--------------|---------------|---------------|
| S. N. | Financial Year                                                                                                   | Illegal mining/ storage/ transportation cases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Penalty Recovered (In Rs. Crore) |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |
| 1.    | 2015-2016                                                                                                        | 1324                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 12.27                            |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |
| 2.    | 2016-2017                                                                                                        | 1424                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 4.41                             |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |
| 3.    | 2017-2018                                                                                                        | 3231                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 9.44                             |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |
| 4.    | 2018-2019                                                                                                        | 2649                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 26.99                            |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |
| 5.    | 2019-2020                                                                                                        | 2502                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 9.62                             |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |
| 6.    | 2020-2021                                                                                                        | 2752                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18.05                            |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |
| 7.    | 2021-2022                                                                                                        | 1818                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 13.17                            |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |
| 8.    | 2022-23                                                                                                          | 2250                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 17.04                            |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |
| 9.    | 2023-24<br>Upto March 2024                                                                                       | 2512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 19.17                            |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |
|       | <b>Total</b>                                                                                                     | <b>20,462</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>130.16</b>                    |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |
| 24.   | Action against identified polluters, Law violators and officers responsible for failure for vigorous monitoring. | Uttarakhand Pollution Control Board has collected a sum of <b>Rs. 5.50 Crore</b> from various defaulters / law violators as an environment compensation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                  |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |                            |      |       |  |              |               |               |

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## Monthly Progress Report of the month of April-2024

| S.No. | DistrictName      | ULBName                    | Total Wards | Wards with 100% D2D Collection | Wards with 100% Source segregation | Generation (MTPD) | Processed (MTPD) |
|-------|-------------------|----------------------------|-------------|--------------------------------|------------------------------------|-------------------|------------------|
| 1     | UTTARKASHI        | BARKOT (NPP)               | 7           | 7                              | 7                                  | 3.50              | 3.33             |
| 2     | UTTARKASHI        | BARAHAT UTTARKASHI         | 11          | 11                             | 11                                 | 10.00             | 10.00            |
| 3     | UTTARKASHI        | GANGOTRIDHAM               | 4           | 4                              | 4                                  | 0.07              | 0.07             |
| 4     | UTTARKASHI        | PUROLA                     | 7           | 7                              | 7                                  | 2.50              | 2.67             |
| 5     | UTTARKASHI        | CHIMYALISUR                | 7           | 7                              | 7                                  | 2.50              | 0.67             |
| 6     | UTTARKASHI        | NAUGAON                    | 7           | 7                              | 7                                  | 2.00              | 1.50             |
| 1     | UTTARKASHI        |                            | 43          | 43                             | 43                                 | 20.57             | 18.24            |
| 7     | CHAMOLI GOPESHWAR | SADRINATH                  | 4           | 4                              | 4                                  | 0.00              | 0.00             |
| 8     | CHAMOLI GOPESHWAR | JOSHIMATH                  | 9           | 9                              | 9                                  | 3.20              | 2.83             |
| 9     | CHAMOLI GOPESHWAR | CHAMOLI-GOPESHWAR          | 11          | 11                             | 11                                 | 4.00              | 0.00             |
| 10    | CHAMOLI GOPESHWAR | NANDPRAYAG                 | 4           | 4                              | 4                                  | 0.50              | 0.50             |
| 11    | CHAMOLI GOPESHWAR | GAUCHAR                    | 7           | 7                              | 7                                  | 3.12              | 3.12             |
| 12    | CHAMOLI GOPESHWAR | KARNAPRAYAG                | 7           | 7                              | 7                                  | 2.20              | 0.00             |
| 13    | CHAMOLI GOPESHWAR | GAIRSAIN                   | 7           | 7                              | 7                                  | 1.60              | 1.60             |
| 14    | CHAMOLI GOPESHWAR | POKHARI                    | 7           | 7                              | 7                                  | 2.00              | 2.00             |
| 15    | CHAMOLI GOPESHWAR | THARALI                    | 4           | 4                              | 4                                  | 0.52              | 0.10             |
| 16    | CHAMOLI GOPESHWAR | PIPAKOTI                   | 4           | 4                              | 4                                  | 0.03              | 0.03             |
| 2     | CHAMOLI GOPESHWAR |                            | 64          | 64                             | 64                                 | 17.17             | 10.18            |
| 17    | RUDRAPRAYAG       | KEDARNATH                  | 1           | 1                              | 1                                  | 0.00              | 0.00             |
| 18    | RUDRAPRAYAG       | RUDRAPRAYAG                | 7           | 7                              | 7                                  | 3.20              | 2.53             |
| 19    | RUDRAPRAYAG       | UKHIMATH                   | 4           | 4                              | 4                                  | 0.24              | 0.24             |
| 20    | RUDRAPRAYAG       | AUGUSTMUNI                 | 7           | 7                              | 7                                  | 1.56              | 1.56             |
| 21    | RUDRAPRAYAG       | TILWARA                    | 4           | 4                              | 4                                  | 1.07              | 1.34             |
| 3     | RUDRAPRAYAG       |                            | 23          | 23                             | 23                                 | 6.07              | 5.68             |
| 22    | TEHRI             | KIRTINAGAR                 | 4           | 4                              | 4                                  | 1.00              | 1.00             |
| 23    | TEHRI             | DEVAPRAYAG                 | 4           | 4                              | 4                                  | 0.30              | 0.30             |
| 24    | TEHRI             | TEHRI                      | 11          | 11                             | 10                                 | 11.00             | 14.50            |
| 25    | TEHRI             | CHAMBA_U                   | 9           | 9                              | 9                                  | 3.74              | 3.73             |
| 26    | TEHRI             | NARENDRA NAGAR             | 7           | 7                              | 7                                  | 1.47              | 1.47             |
| 27    | TEHRI             | MUNI-KI-RETI               | 11          | 11                             | 11                                 | 15.17             | 15.17            |
| 28    | TEHRI             | GHANSALI                   | 7           | 7                              | 7                                  | 1.97              | 1.97             |
| 29    | TEHRI             | LAMB GAON                  | 4           | 4                              | 4                                  | 0.80              | 1.80             |
| 30    | TEHRI             | GAJA                       | 4           | 4                              | 4                                  | 0.88              | 0.90             |
| 31    | TEHRI             | CHAMMIYALA                 | 7           | 7                              | 7                                  | 2.00              | 1.83             |
| 32    | TEHRI             | TAPOVAN                    | 4           | 4                              | 4                                  | 1.50              | 0.00             |
| 4     | TEHRI             |                            | 72          | 72                             | 71                                 | 39.82             | 42.66            |
| 33    | DEHRADUN          | VIKASNAGAR                 | 11          | 11                             | 11                                 | 8.80              | 8.80             |
| 34    | DEHRADUN          | HERBERTPUR                 | 9           | 9                              | 9                                  | 6.00              | 6.00             |
| 35    | DEHRADUN          | MUSOORIE                   | 13          | 13                             | 13                                 | 15.17             | 15.17            |
| 36    | DEHRADUN          | DEHRADUN                   | 100         | 100                            | 100                                | 398.33            | 398.33           |
| 37    | DEHRADUN          | DOIWALA                    | 20          | 20                             | 20                                 | 16.93             | 16.93            |
| 38    | DEHRADUN          | RISHIKESH                  | 40          | 40                             | 40                                 | 84.67             | 84.67            |
| 39    | DEHRADUN          | SELAQUI (CENTRAL, HOPE TOV | 9           | 9                              | 1                                  | 11.33             | 11.33            |
| 5     | DEHRADUN          |                            | 202         | 202                            | 194                                | 541.23            | 541.23           |
| 40    | PAURI GARHWAL     | SRINAGAR                   | 13          | 13                             | 13                                 | 15.00             | 16.57            |
| 41    | PAURI GARHWAL     | PAURI                      | 11          | 11                             | 11                                 | 8.00              | 17.00            |
| 42    | PAURI GARHWAL     | DOGADDA                    | 4           | 4                              | 4                                  | 0.22              | 0.13             |
| 43    | PAURI GARHWAL     | KOTDWARA                   | 40          | 40                             | 40                                 | 50.00             | 50.00            |
| 44    | PAURI GARHWAL     | SWARGASHRAM                | 4           | 4                              | 4                                  | 6.77              | 0.00             |
| 45    | PAURI GARHWAL     | SATPULI                    | 4           | 4                              | 4                                  | 1.33              | 1.33             |
| 46    | PAURI GARHWAL     | THALISAIN                  | 4           | 1                              | 1                                  | 0.97              | 0.03             |
| 6     | PAURI GARHWAL     |                            | 80          | 77                             | 77                                 | 82.28             | 85.06            |
| 47    | PITHORAGARH       | DHARCHULA                  | 7           | 7                              | 7                                  | 3.67              | 1.82             |
| 48    | PITHORAGARH       | DIDIHAT                    | 7           | 7                              | 7                                  | 3.23              | 3.23             |
| 49    | PITHORAGARH       | PITHORAGARH                | 20          | 20                             | 16                                 | 25.27             | 25.27            |
| 50    | PITHORAGARH       | GANGOUHAT                  | 7           | 7                              | 7                                  | 0.20              | 0.02             |

|       |                  |                       |      |      |      |         |         |
|-------|------------------|-----------------------|------|------|------|---------|---------|
| 51    | PITHORAGARH      | BERINAG               | 7    | 7    | 7    | 1.50    | 1.50    |
| 7     | PITHORAGARH      |                       | 48   | 48   | 44   | 33.87   | 31.84   |
| 52    | BAGESHWAR        | BAGESHWAR             | 11   | 11   | 11   | 7.50    | 4.00    |
| 53    | BAGESHWAR        | KAPKOT                | 7    | 7    | 7    | 1.00    | 1.00    |
| 54    | BAGESHWAR        | GARUD                 | 7    | 7    | 7    | 1.50    | 0.00    |
| 8     | BAGESHWAR        |                       | 25   | 25   | 25   | 10.00   | 5.00    |
| 55    | ALMORA           | DWARHAT               | 4    | 4    | 4    | 0.60    | 0.60    |
| 56    | ALMORA           | ALMORA                | 13   | 13   | 13   | 10.23   | 9.86    |
| 57    | ALMORA           | RANIKHET-CHILYANAULA  | 7    | 7    | 7    | 4.00    | 4.00    |
| 58    | ALMORA           | BHIKASAIN             | 4    | 4    | 4    | 2.00    | 2.00    |
| 59    | ALMORA           | CHAWKHUTIYA           | 4    | 4    | 0    | 0.67    | 0.67    |
| 9     | ALMORA           |                       | 32   | 32   | 28   | 17.50   | 17.13   |
| 60    | CHAMPAWAT        | CHAMPAWAT             | 9    | 9    | 7    | 4.33    | 0.33    |
| 61    | CHAMPAWAT        | LOHAGHAT              | 7    | 5    | 5    | 2.57    | 2.57    |
| 62    | CHAMPAWAT        | TANAKPUR              | 11   | 11   | 5    | 3.33    | 0.00    |
| 63    | CHAMPAWAT        | BANBASA               | 7    | 7    | 7    | 2.02    | 1.42    |
| 10    | CHAMPAWAT        |                       | 34   | 32   | 24   | 12.25   | 4.32    |
| 64    | NAINITAL         | NAINITAL              | 15   | 15   | 15   | 0.00    | 0.00    |
| 65    | NAINITAL         | BHOWALI               | 7    | 7    | 7    | 2.00    | 2.00    |
| 66    | NAINITAL         | BHIMTAL               | 9    | 9    | 9    | 3.00    | 3.00    |
| 67    | NAINITAL         | HALDWANI              | 50   | 60   | 49   | 132.07  | 132.07  |
| 68    | NAINITAL         | RAMNAGAR U            | 20   | 20   | 20   | 11.40   | 3.33    |
| 69    | NAINITAL         | KALADHUNGI            | 7    | 7    | 7    | 6.42    | 6.42    |
| 70    | NAINITAL         | LALKUAN               | 7    | 7    | 7    | 4.37    | 4.37    |
| 11    | NAINITAL         |                       | 125  | 125  | 114  | 159.25  | 151.19  |
| 71    | UDHAMSINGH NAGAR | KASHIPUR              | 40   | 40   | 40   | 61.55   | 61.55   |
| 72    | UDHAMSINGH NAGAR | MAHUA KHERAGANJ       | 9    | 9    | 9    | 2.90    | 2.90    |
| 73    | UDHAMSINGH NAGAR | MAHUADABRA            | 7    | 7    | 7    | 2.63    | 2.73    |
| 74    | UDHAMSINGH NAGAR | JASPUR                | 20   | 20   | 20   | 30.09   | 26.93   |
| 75    | UDHAMSINGH NAGAR | SULTANPUR U           | 7    | 7    | 7    | 3.90    | 0.33    |
| 76    | UDHAMSINGH NAGAR | BAZPUR                | 13   | 13   | 13   | 10.12   | 7.36    |
| 77    | UDHAMSINGH NAGAR | KELA KHERA            | 9    | 9    | 9    | 4.50    | 0.45    |
| 78    | UDHAMSINGH NAGAR | RUDRAPUR              | 40   | 40   | 40   | 102.68  | 102.68  |
| 79    | UDHAMSINGH NAGAR | KICHHA                | 20   | 20   | 15   | 20.23   | 20.23   |
| 80    | UDHAMSINGH NAGAR | GADARPUR              | 11   | 11   | 11   | 7.50    | 7.50    |
| 81    | UDHAMSINGH NAGAR | DINESHPUR             | 9    | 9    | 9    | 4.92    | 2.79    |
| 82    | UDHAMSINGH NAGAR | SHAKTIGARH            | 7    | 7    | 7    | 1.20    | 0.78    |
| 83    | UDHAMSINGH NAGAR | SITARGANJ             | 13   | 13   | 13   | 19.00   | 2.15    |
| 84    | UDHAMSINGH NAGAR | KHATIMA               | 20   | 20   | 20   | 21.00   | 21.00   |
| 85    | UDHAMSINGH NAGAR | NANAKAMTTA            | 7    | 7    | 7    | 2.00    | 0.27    |
| 86    | UDHAMSINGH NAGAR | GULARBHOJ             | 7    | 7    | 5    | 2.30    | 1.80    |
| 87    | UDHAMSINGH NAGAR | NAGLA                 | 20   | 20   | 20   | 4.50    | 4.50    |
| 88    | UDHAMSINGH NAGAR | LAIPUR                | 4    | 4    | 4    | 0.04    | 0.04    |
| 12    | UDHAMSINGH NAGAR |                       | 263  | 263  | 256  | 301.09  | 266.02  |
| 89    | HARDWAR          | ROORKEE (NN)          | 40   | 40   | 40   | 87.83   | 77.03   |
| 90    | HARDWAR          | BHABHERA              | 9    | 9    | 9    | 8.33    | 8.33    |
| 91    | HARDWAR          | MANGLAUR              | 20   | 20   | 20   | 21.67   | 12.33   |
| 92    | HARDWAR          | CANDHAURA             | 9    | 9    | 9    | 7.67    | 7.67    |
| 93    | HARDWAR          | HARDWAR               | 60   | 60   | 60   | 165.00  | 165.00  |
| 94    | HARDWAR          | LAKSAR                | 11   | 11   | 11   | 16.13   | 16.13   |
| 95    | HARDWAR          | SHIVALIK NAGAR        | 13   | 13   | 13   | 7.83    | 7.83    |
| 96    | HARDWAR          | BHAGWANPUR            | 9    | 9    | 9    | 8.00    | 8.00    |
| 97    | HARDWAR          | PIRAN KALIYAR         | 9    | 9    | 9    | 9.00    | 5.85    |
| 98    | HARDWAR          | IMUKHEDA              | 9    | 9    | 3    | 3.93    | 0.00    |
| 99    | HARDWAR          | RAMPUR                | 11   | 0    | 0    | 3.50    | 0.00    |
| 100   | HARDWAR          | PADLI GUJJAR          | 11   | 0    | 0    | 6.00    | 0.00    |
| 101   | HARDWAR          | DHANDHERA             | 11   | 11   | 11   | 2.05    | 0.00    |
| 102   | HARDWAR          | SULTANPUR-ADAMPUR(NP) | 9    | 9    | 7    | 7.60    | 4.75    |
| 13    | HARDWAR          |                       | 231  | 209  | 201  | 354.55  | 312.93  |
| TOTAL |                  |                       | 1242 | 1215 | 1164 | 1595.65 | 1491.47 |

110-5-24

(मौ. आदिल)

एम.आई.एस. विशेषज्ञ (स्टेट)  
अमृत/एस.बी.एम.

दिव्यसेमवाल  
अपशिष्ट प्रबंधन सलाहकार

The Surface Water Quality of 09 polluted river stretches for the month of March, 2024

| S. No. | Name of Polluted River Stretches | Sampling Date | US/ DS | Location                          | Latitude- Longitude         | pH            | DO (mg/l) | BOD (mg/l) | COD (mg/l) | EC (µS/cm) | TDS (mg/l) | TSS (mg/l) | Total Coliforms (MPN /100ml) | Faecal Coliform (MPN /100 ml) |
|--------|----------------------------------|---------------|--------|-----------------------------------|-----------------------------|---------------|-----------|------------|------------|------------|------------|------------|------------------------------|-------------------------------|
| 1      | Dhella                           | 05-03-2024    | US     | Dhella Bridge, Kashipur, Bheljudi | 29°13'12"N<br>78°56'42"E    | 7.76          | 6.6       | 2.8        | 20         | 358        | 238        | 26         | 540                          | 240                           |
|        |                                  | 05-03-2024    | DS     | Gehruwala Village Pratappur       | 29°08'30"N<br>78°05'20"E    | 7.11          | 1.8       | 30         | 184        | 597        | 386        | 88         | 1600                         | 920                           |
| 2      | Bhella                           | 05-03-2024    | US     | Bahella Bridge, Kashipur          | 29°16'43"N<br>79°01'19"E    | 7.65          | 6.2       | 2.8        | 18         | 259        | 172        | 22         | 350                          | 280                           |
|        |                                  | 05-03-2024    | DS     | Bahella River rajpura tanda       | 29°07'45"N<br>78°59'03"E    | 6.86          | 2.1       | 18         | 104        | 522        | 357        | 54         | 1400                         | 1100                          |
| 3      | Kichha                           | 06-03-2024    | US     | Main Road Kichha                  | 28°57'43"N<br>79°32'17"E    | 7.5           | 6.8       | 2.2        | 12         | 460        | 313        | 20         | 920                          | 540                           |
|        |                                  | 06-03-2024    | DS     | Kichha Bridge                     | 29°52'59"N<br>79°30'56"E    | 7.79          | 4.6       | 3.5        | 36         | 626        | 411        | 48         | 1600                         | 920                           |
| 4      | Suswa                            | 07-03-2024    | US     | Mothrawala                        | 30°13'59"N<br>78°01'48"E    | 7.32          | 2.6       | 27.0       | 90.0       | 484        | 321        | -          | 28×10 <sup>2</sup>           | 22×10 <sup>2</sup>            |
|        |                                  | 07-03-2024    | DS     | Barafutta                         | 30°8'19.9"N<br>78°7'49.8"E  | 7.59          | 5.6       | 2.8        | 8.0        | 404        | 269        | -          | 430                          | 280                           |
| 5      | Kalyani                          | 06-03-2024    | US     | Pantnagar Ind. Area Rudrapur      | 29°01'44"N<br>79°24'28"E    | 7.84          | 7.1       | 2.2        | 14         | 551        | 353        | 15         | 540                          | 430                           |
|        |                                  | 06-03-2024    | DS     | Rampura ground Rudrapur           | 28°57'52"N<br>79°24'08"E    | 7.11          | Nil       | 48         | 352        | 917        | 605        | 224        | 1700                         | 1100                          |
| 6      | Kosi                             | 05-03-2024    | US     | Bajpur bridge Sultanpur patti     | 28°09'32"N<br>79°02'19"E    | 7.84          | 8         | 2.2        | 14         | 434        | 286        | 26         | 430                          | 280                           |
|        |                                  | 05-03-2024    | DS     | Bypass bridge pattikalan          | 29°04'31"N<br>79°02'24"E    | 7.98          | 7.6       | 2.6        | 19         | 508        | 335        | 39         | 1700                         | 1400                          |
| 7      | Pilakhar                         | 05-03-2024    | US     | Bajpur                            | 29°10'21"N<br>79°08'44"E    | River was dry |           |            |            |            |            |            |                              |                               |
|        |                                  | 05-03-2024    | DS     | Rampur (U.P.)                     | 29°12'12"N<br>78°58'42"E    | 7.4           | 1         | 28         | 192        | 655        | 436        | 118        | 2800                         | 1400                          |
| 8      | Nandhour                         | 06-03-2024    | US     | Sitarganj                         | 29°04'36"N<br>79°41'36"E    | 7.86          | 7.6       | 2          | 10         | 353        | 236        | 24         | 920                          | 540                           |
|        |                                  | 06-03-2024    | DS     | Nandhor Bridge, Sitarganj         | 28°55'149"N<br>79°44'38"E   | 7.89          | 6.9       | 2.8        | 16         | 411        | 274        | 35         | 1700                         | 1400                          |
| 9      | Ganga                            | 05.03.2024    | US     | Bindughat Dudhiyaban              | 29.970608°N-<br>78.183854°E | 7.90          | 8.6       | 1.4        | 8.0        | 310        | 198        | -          | 110                          | 79                            |
|        |                                  | 04.03.2024    | DS     | Sultanpur                         | 29.699043°N<br>-78.166559°E | 7.90          | 8.6       | 1.4        | 7.0        | 321        | 205        | -          | 120                          | 94                            |



**Status of release of E-flow as per NGT order dated 09.08.2017 from the Hydro projects (> 25 MW) situated in the river/tributary other than Ganga river basin in the State of Uttarakhand**  
**(March 2024)**

| S.No | Name of Hydro Power Project             | Capacity (MW) | District    | Developer | Months | E-Flow Norms*                           | Compliance of e-flow notification |                          |                      | Remark                                     |
|------|-----------------------------------------|---------------|-------------|-----------|--------|-----------------------------------------|-----------------------------------|--------------------------|----------------------|--------------------------------------------|
|      |                                         |               |             |           |        |                                         | Average lean season flow (Cumecs) | E-Flow Released (Cumecs) | % of E-Flow released |                                            |
| 1    | Dhauliganga HEP                         | 280           | Pithoragarh | NHPC      | Mar-24 |                                         | 4.00                              | 4.38                     | 109.50%              | As per the information received from NHPC  |
| 2    | Tanakpur                                | 120           | Champawat   | NHPC      | Mar-24 |                                         | 164.00                            | 25.00                    | 15.24%               |                                            |
| 3    | Dakpathar Barrage (Dhalipur + Dhakrani) | (51 + 33.75)  | Dehradun    | UJVNL     | Mar-24 | Minimum 15% of Average Lean Season flow | 67.71                             | 14.27                    | 21.08%               | As per the information received from UJVNL |
| 4    | Kulhal                                  | 30            | Dehradun    | UJVNL     | Mar-24 |                                         | 13.03                             | 2.27                     | 17.42%               |                                            |
| 5    | Ichadi Dam (Chibro + Khodri)            | (240 + 120)   | Dehradun    | UJVNL     | Mar-24 |                                         | 72.46                             | 11.24                    | 15.51%               |                                            |

\* As per Hon'ble National Green Tribunal (NGT) order dated 09.08.2017 in Original Application no. 498 of 2015 (M.A No. 628/2016) Pushp Saini Vs MoEF&CC, GoI and others, Government of Uttarakhand vide order dated 05.06.2018 directed all the hydro project developers in the State of Uttarakhand to release minimum e-flow of 15% of the average lean season flow of that river from their projects.

**Status of release of E-flow as per NGT order dated 09.08.2017 from the Small Hydro projects (<25 MW)  
situated in the river/tributary Ganga & other river basin in the State of Uttarakhand  
(March 2024)**

| S.No. | Name of Hydro Power Project    | Capacity (MW) | District      | Developer               | Months | E-Flow Norms*                           | Compliance of e-flow notification |                          |                      | Remark                                                    |
|-------|--------------------------------|---------------|---------------|-------------------------|--------|-----------------------------------------|-----------------------------------|--------------------------|----------------------|-----------------------------------------------------------|
|       |                                |               |               |                         |        |                                         | Average lean season flow (Cumecs) | E-Flow Released (Cumecs) | % of E-Flow released |                                                           |
| 1     | Loharkhet                      | 4.8           | Bageshwar     | Parvatiya Power         | Mar-24 | Minimum 15% of Average Lean Season flow | 1.47                              | 0.223                    | 15.17%               | As per the information received from respective developer |
| 2     | Gangani                        | 8             | Uttarkashi    | Regency Gangani Energy  | Mar-24 |                                         | 5.10                              | 0.96                     | 18.82%               |                                                           |
| 3     | Badyar                         | 4.9           | Uttarkashi    | Regency Yamuna Energy   | Mar-24 |                                         | 1.30                              | 0.30                     | 23.08%               |                                                           |
| 4     | Sarju-II                       | 0             | Bageshwar     | Uttar Bharat Hydro      | Mar-24 |                                         | 2.01                              | 0.31                     | 15.42%               |                                                           |
| 5     | Sarju-III                      | 10.5          | Bageshwar     | Uttar Bharat Hydro      | Mar-24 |                                         | 4.06                              | 0.63                     | 15.52%               |                                                           |
| 6     | Motighat                       | 5             | Pithoragarh   | Himalya Hydro (P) Ltd.  | Mar-24 |                                         | 3.04                              | 0.51                     | 16.78%               |                                                           |
| 7     | Tanga                          | 5             | Pithoragarh   | Himalya Hydro (P) Ltd.  | Mar-24 |                                         | 3.04                              | 0.51                     | 16.78%               |                                                           |
| 8     | Calogi SHP                     | 3.5 MW        | Dehradun      | UJVNL                   | Mar-24 |                                         | 0.27                              | 0.05                     | 18.52%               | As per the information received from UJVNL                |
| 9     | Ram Prasad Nautiyal, Dunao SHP | 1.5 MW        | Pauni Garhwal | UJVNL                   | Mar-24 |                                         | 1.26                              | 0.25                     | 19.84%               |                                                           |
| 10    | Rajwakti                       | 3.6           | Chamoli       | Him Urja                | Mar-24 |                                         | 5.07                              | 1.23                     | 24.26%               | As per the information received from respective developer |
| 11    | Vanala                         | 15            | Chamoli       | Him Urja                | Mar-24 |                                         | 4.2                               | 1.32                     | 31.43%               |                                                           |
| 12    | Debal                          | 5             | Chamoli       | Chamoli Hydro           | Mar-24 |                                         | 2.50                              | 0.87                     | 34.80%               |                                                           |
| 13    | Agunda Tharti                  | 3             | Tehri         | Gunsola Hydro           | Mar-24 |                                         | 3.25                              | 0.49                     | 15.08%               |                                                           |
| 14    | Bhilangana                     | 22.5          | Tehri         | Swasti Power            | Mar-24 |                                         | 5.18                              | 1.80                     | 34.75%               |                                                           |
| 15    | Bhilangana- III                | 24            | Tehri         | Bhilangna Hydro Power   | Mar-24 |                                         | 3.82                              | 0.86                     | 22.51%               | As per the information received from UJVNL                |
| 16    | Birahiganga                    | 7.2           | Chamoli       | Birahiganga Hydro Power | Mar-24 |                                         | 2.70                              | 0.43                     | 15.93%               |                                                           |
| 17    | Plangad SHP                    | 2.25          | Uttarkashi    | UJVNL                   | Mar-24 |                                         | 3.32                              | 2.65                     | 79.82%               |                                                           |
| 18    | Urgam SHP                      | 3             | Chamoli       | UJVNL                   | Mar-24 |                                         | 1.93                              | 1.93                     | 100.00%              |                                                           |
| 19    | Kaliganga -I SHP               | 4             | Rudraprayag   | UJVNL                   | Mar-24 |                                         | 0.95                              | 0.21                     | 22.11%               | As per the information received from UJVNL                |
| 19    | Kaliganga -II SHP              | 4.5           | Rudraprayag   | UJVNL                   | Mar-24 |                                         | 3.83                              | 0.86                     | 22.45%               |                                                           |

\* As per Hon'ble National Green Tribunal (NGT) order dated 09.08.2017 in Original Application no. 498 of 2015 (M-A No. 628/2016) Pushp Saini Vs MoEF&CC, GoI and others, Government of Uttarakhand vide order dated 05.06.2018 directed all the hydro project developers in the State of Uttarakhand to release minimum e-flow of 15% of the average lean season flow of that river from their projects.



CENTRAL LABORATORY

**Analysis Report of Sewage Treatment Plants (STPs) for the Month of March 2024**

| S.No. | Name of the Sewage Treatment Plant (With Capacity )                                           | Sampling Point                                                                                                                      |     |     |               |      |     |                    |
|-------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----|-----|---------------|------|-----|--------------------|
|       |                                                                                               | Inlet of STP                                                                                                                        |     |     | Outlet of STP |      |     |                    |
|       |                                                                                               | pH                                                                                                                                  | BOD | TSS | pH            | BOD  | TSS | Fecal Coliform     |
| 1     | 2.70 MLD STP at Marwari, Joshimath.<br>(Operated by: Uttarakhand Peyjal Nigam)                | 7.35                                                                                                                                | 90  | 95  | 7.48          | 9.2  | 14  | 220                |
| 2     | 1.080 MLD STP at Pokhri, Joshimath.<br>(Operated by: Uttarakhand Jal Sansthan)                | 7.24                                                                                                                                | 100 | 104 | 7.53          | 10.0 | 12  | 140                |
| 3     | 0.760 MLD STP Near Alaknanda Ghat, Chamoli.<br>(Operated by: Uttarakhand Jal Sansthan)        | 6.96                                                                                                                                | 150 | 156 | 7.18          | 28.0 | 36  | 22×10 <sup>2</sup> |
| 4     | 0.050 MLD STP Near old Suspension Bridge, Chamoli.<br>(Operated by: Uttarakhand Jal Sansthan) | 7.17                                                                                                                                | 145 | 150 | 7.29          | 23.0 | 29  | 1600               |
| 5     | 1.190 MLD STP at Vivekanand Colony, Gopeshwar.<br>(Operated by: Uttarakhand Jal Sansthan)     | 7.04                                                                                                                                | 140 | 136 | 7.20          | 8.8  | 10  | 140                |
| 6     | 1.120 MLD STP at Baitarni, Gopeshwar.<br>(Operated by: Uttarakhand Jal Sansthan)              | 6.98                                                                                                                                | 150 | 148 | 7.11          | 9.6  | 11  | 130                |
| 7     | 1.25 MLD STP at Pokhri Band, Gopeshwar.<br>(Operated by: Uttarakhand Jal Sansthan)            | 7.08                                                                                                                                | 145 | 142 | 7.36          | 10.0 | 12  | 430                |
| 8     | 0.050 MLD STP at Sangam Road, Nandprayag.<br>(Operated by: Uttarakhand Jal Sansthan)          | 7.18                                                                                                                                | 125 | 123 | 7.34          | 11.2 | 15  | 280                |
| 9     | 0.100 MLD STP at Forest Office, Nandprayag<br>(Operated by: Uttarakhand Jal Sansthan)         | 7.16                                                                                                                                | 105 | 101 | 7.28          | 10.4 | 12  | 220                |
|       |                                                                                               | STP found operational but due to overflow untreated effluent was discharged into Nandakini River. (Date of inspection: 06-03-2024). |     |     |               |      |     |                    |
| 10    | 0.050 MLD STP Near Police Chowki, Karanprayag.<br>(Operated by: Uttarakhand Jal Sansthan)     | 7.29                                                                                                                                | 95  | 91  | 7.38          | 8.8  | 09  | 170                |
| 11    | 0.100 MLD STP Near Purana Pull, Karanprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)       | 6.46                                                                                                                                | 150 | 156 | 6.90          | 11.6 | 17  | 540                |
| 12    | 0.100 MLD STP at Ward no. 1&3, Karanprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)        | 7.20                                                                                                                                | 120 | 116 | 7.46          | 9.2  | 10  | 220                |
| 13    | 0.050 MLD STP at Subhash Nagar, Karanprayag.<br>(Operated by: Uttarakhand Jal Sansthan)       | 6.76                                                                                                                                | 115 | 113 | 7.08          | 8.4  | 09  | 210                |
| 14    | 0.050 MLD STP Near Naya Pull, Karanprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)         | 7.26                                                                                                                                | 130 | 128 | 7.54          | 10.0 | 13  | 280                |

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| S.No. | Name of the Sewage Treatment Plant (With Capacity )                                                        | Sampling Point                                                                                                                                                                                     |     |     |                                                                                      |      |     |                |
|-------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|--------------------------------------------------------------------------------------|------|-----|----------------|
|       |                                                                                                            | Inlet of STP                                                                                                                                                                                       |     |     | Outlet of STP                                                                        |      |     |                |
|       |                                                                                                            | pH                                                                                                                                                                                                 | BOD | TSS | pH                                                                                   | BOD  | TSS | Fecal Coliform |
| 15    | 0.075 MLD STP Near Anoop Negi School, Rudraprayag.<br>(Operated by: Uttarakhand Jal Sansthan)              | STP is not in operation due to Damage of STP.                                                                                                                                                      |     |     |                                                                                      |      |     |                |
| 16    | 0.100 MLD STP, Near Rudra Complex, Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                 | 6.70                                                                                                                                                                                               | 125 | 123 | 6.98                                                                                 | 9.2  | 11  | 210            |
| 17    | 0.075 MLD STP, Near Bus Stand, Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                     | 6.89                                                                                                                                                                                               | 105 | 101 | 7.11                                                                                 | 8.8  | 08  | 170            |
| 18    | 0.100 MLD STP, Near SBI Bank , Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                     | 6.60                                                                                                                                                                                               | 130 | 128 | 6.93                                                                                 | 10.8 | 13  | 350            |
| 19    | 0.125 MLD STP, Near Steel Bridge & Syndicate Bank, Rudraprayag.<br>(Operated by: Uttarakhand Jal Sansthan) | 7.03                                                                                                                                                                                               | 120 | 118 | 7.14                                                                                 | 8.4  | 09  | 210            |
| 20    | 0.050 MLD STP at Beleni Road, Near Steel Bridge, Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)   | 7.07                                                                                                                                                                                               | 120 | 124 | 7.20                                                                                 | 10.0 | 12  | 280            |
| 21    | 0.075 MLD STP Near Junior High School, Srikot, Srinagar.<br>(Operated by: Uttarakhand Peyjal Nigam)        | 6.99                                                                                                                                                                                               | 105 | 102 | 7.49                                                                                 | 8.4  | 09  | 170            |
|       |                                                                                                            | STP was operational but due to overflow untreated effluent was found discharging into Alaknanda River. (Date of Inspection: 12-03-2024).                                                           |     |     |                                                                                      |      |     |                |
| 22    | 0.050 MLD STP Near Tauliya Nala, Srikot, Srinagar.<br>(Operated by: Uttarakhand Peyjal Nigam)              | 7.13                                                                                                                                                                                               | 110 | 107 | 8.12                                                                                 | 8.8  | 10  | 140            |
| 23    | 3.5 MLD STP at Nursary Road, Srinagar.<br>(Operated by: Uttarakhand Peyjal Nigam)                          | 6.90                                                                                                                                                                                               | 215 | 221 | 7.58                                                                                 | 10.0 | 14  | 350            |
| 24    | 1.0 MLD STP, Near ITI, Srinagar.<br>(Operated by: Uttarakhand Jal Sansthan)                                | 7.38                                                                                                                                                                                               | 190 | 195 | 7.63                                                                                 | 9.2  | 11  | 170            |
| 25    | 0.050 MLD STP, Near BRO Bridge, Kirtinagar.<br>(Operated by: Uttarakhand Jal Sansthan)                     | 6.57                                                                                                                                                                                               | 155 | 159 | STP found Non-operational due to Mechanical issue. (Date of Inspection: 12-03-2024). |      |     |                |
| 26    | 0.010 MLD STP, Near Temple, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan)                            | 7.21                                                                                                                                                                                               | 150 | 153 | 7.30                                                                                 | 12.0 | 18  | 1600           |
| 27    | 0.075 MLD STP at Devprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                                     | 6.91                                                                                                                                                                                               | 160 | 158 | 7.10                                                                                 | 9.2  | 10  | 170            |
| 28    | 0.150 MLD STP at Devprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                                     | 6.73                                                                                                                                                                                               | 170 | 172 | 7.40                                                                                 | 10.0 | 13  | 210            |
| 29    | 1.4 MLD STP at Pauri Road, Devprayag. (Operated by: Uttarakhand Jal Sansthan)                              | 7.13                                                                                                                                                                                               | 140 | 137 | 7.36                                                                                 | 55.0 | 62  | 1600           |
|       |                                                                                                            | STP found operational during visit but insufficient Raw effluent/ Inlet is reaching to the plant due to breakage of Sewage line at Bahbajar Bridge in Devprayag. (Date of Inspection: 13-03-2024). |     |     |                                                                                      |      |     |                |
| 30    | 5.0 MLD STP at Bhagirathi Puram, Tehri. (Operated by: Uttarakhand Jal Sansthan)                            | 6.42                                                                                                                                                                                               | 180 | 186 | 6.91                                                                                 | 11.6 | 19  | 540            |



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| S.No. | Name of the Sewage Treatment Plant (With Capacity )                                      | Sampling Point |     |     |               |      |     |                |
|-------|------------------------------------------------------------------------------------------|----------------|-----|-----|---------------|------|-----|----------------|
|       |                                                                                          | Inlet of STP   |     |     | Outlet of STP |      |     |                |
|       |                                                                                          | pH             | BOD | TSS | pH            | BOD  | TSS | Fecal Coliform |
| 31    | 2.0 MLD STP at Gyansu, Uttarkashi.<br>(Operated by: Uttarakhand Jal Sansthan)            | 6.70           | 210 | 217 | 6.94          | 11.2 | 18  | 1600           |
| 32    | 3.5 MLD STP at Tapovan, Rishikesh.<br>(Operated by: Uttarakhand Jal Sansthan)            | 6.75           | 215 | 219 | 8.06          | 9.2  | 12  | 430            |
| 33    | 3.0 MLD STP at Swargashram, Rishikesh.<br>(Operated by: Uttarakhand Jal Sansthan)        | 7.13           | 220 | 223 | 7.28          | 8.8  | 10  | 140            |
| 34    | 26 MLD STP at Lakkarghat, Rishikesh. (Operated by: Uttarakhand Peyjal Nigam)             | 7.24           | 180 | 178 | 7.40          | 8.4  | 08  | 94             |
| 35    | 5.0 MLD STP at Chorpani, Rishikesh.<br>(Operated by: Uttarakhand Peyjal Nigam)           | 7.02           | 185 | 181 | 7.26          | 8.8  | 10  | 79             |
| 36    | 7.5 MLD STP at Chandreshwar Nagar, Rishikesh.<br>(Operated by: Uttarakhand Peyjal Nigam) | 7.10           | 145 | 142 | 7.19          | 8.4  | 09  | 84             |
| 37    | 20 MLD STP at Motharawala-I, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)        | 7.40           | 160 | 164 | 7.72          | 9.2  | 12  | 210            |
| 38    | 20 MLD STP at Motharawala-II, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)       | 7.44           | 155 | 160 | 7.83          | 10.8 | 15  | 1600           |
| 39    | 68 MLD STP at Kargi, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)                | 7.24           | 170 | 175 | 7.36          | 10.0 | 14  | 170            |
| 40    | 0.42 MLD STP at Vijay Colony, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)       | 7.27           | 165 | 168 | 7.44          | 8.4  | 09  | 140            |
| 41    | 0.71 MLD STP Salawala, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)              | 7.31           | 170 | 168 | 7.48          | 9.6  | 12  | 220            |
| 42    | 5.0 MLD STP at Indira Nagar, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)        | 7.50           | 160 | 162 | 7.65          | 8.8  | 11  | 170            |
| 43    | 1.0 MLD STP at Jakhan, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)              | 7.20           | 140 | 145 | 7.38          | 10.0 | 14  | 210            |
| 44    | 27 MLD STP at Jagjeetpur, Haridwar.<br>(Operated by: Uttarakhand Jal Sansthan)           | 6.50           | 240 | 160 | 7.60          | 9.6  | 07  | 94             |
| 45    | 18 MLD STP at Jagjeetpur, Haridwar. (Operated by: Uttarakhand Jal Sansthan)              | 7.20           | 220 | 130 | 7.50          | 8.4  | 09  | 79             |
| 46    | 68 MLD STP at Jagjeetpur, Haridwar. (Operated by: Uttarakhand Peyjal Nigam)              | 6.70           | 120 | 180 | 7.20          | 8.8  | 09  | 84             |



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| S.No. | Name of the Sewage Treatment Plant (With Capacity )                                               | Sampling Point                                                                                   |     |     |               |      |     |                |
|-------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|---------------|------|-----|----------------|
|       |                                                                                                   | Inlet of STP                                                                                     |     |     | Outlet of STP |      |     |                |
|       |                                                                                                   | pH                                                                                               | BOD | TSS | pH            | BOD  | TSS | Fecal Coliform |
| 47    | 18 MLD STP at Sarai, Haridwar.<br>(Operated by: Uttarakhand Jal Sansthan)                         | 6.70                                                                                             | 200 | 180 | 7.20          | 9.2  | 06  | 94             |
| 48    | 14 MLD STP at Sarai, Haridwar.<br>(Operated by: Uttarakhand Peyjal Nigam)                         | 6.60                                                                                             | 180 | 160 | 7.60          | 8.0  | 10  | 70             |
| 49    | 33 MLD STP at Saliyar, Roorkee, Haridwar. (Operated by: Uttarakhand Jal Sansthan)                 | 7.20                                                                                             | 160 | 180 | 7.60          | 8.0  | 09  | 280            |
| 50    | 1.3 MLD STP at Landour (S), Mussoorie.<br>(Operated by: Uttarakhand Peyjal Nigam).                | 6.89                                                                                             | 155 | 153 | 7.50          | 10.4 | 12  | 540            |
| 51    | 3.12 MLD STP at Bhatta fall, Mussoorie.<br>(Operated by: Uttarakhand Jal Sansthan)                | STP was found closed and non-operational at the time of visit. (Date of inspection: 04-03-2024). |     |     |               |      |     |                |
| 52    | 0.8 MLD STP at Landour (N), Mussoorie.<br>(Operated by: Uttarakhand Jal Sansthan)                 | 6.80                                                                                             | 145 | 142 | 7.35          | 10.0 | 11  | 210            |
| 53    | 1.2 MLD STP at Happy Valley, Mussoorie.<br>(Operated by: Uttarakhand Jal Sansthan)                | 7.17                                                                                             | 175 | 180 | 7.84          | 10.0 | 12  | 170            |
| 54    | 0.9 MLD STP at Kurli Bazaar, Mussoorie.<br>(Operated by: Uttarakhand Jal Sansthan)                | 7.37                                                                                             | 190 | 195 | 7.62          | 9.6  | 12  | 220            |
| 55    | 2.0 MLD STP Bakh, Almora, Distt- Almora.<br>(Operated by: Uttarakhand Jal Sansthan)               | 7.19                                                                                             | 180 | 224 | 7.55          | 22.0 | 28  | 170            |
| 56    | 0.45 MLD STP at Hari Nagar, Distt- Nainital.<br>(Operated by: Uttarakhand Jal Sansthan)           | 6.51                                                                                             | 240 | 292 | 7.80          | 16.0 | 20  | 110            |
| 57    | 0.80 MLD STP at Krishnapur, Distt- Nainital.<br>(Operated by: Uttarakhand Jal Sansthan)           | 6.63                                                                                             | 252 | 308 | 7.38          | 20.0 | 26  | 210            |
| 58    | 1.25 MLD STP at Bheemtal, Distt- Nainital. (Operated by: Uttarakhand Jal Sansthan)                | 6.37                                                                                             | 215 | 260 | 7.14          | 24.0 | 30  | 140            |
| 59    | 1.25 MLD STP at Nirada, Distt- Pithoragarh.<br>(Operated by: Uttarakhand Peyjal Nigam)            | 7.10                                                                                             | 156 | 196 | 7.32          | 14.0 | 18  | 210            |
| 60    | 5.0 MLD STP at Aincholi, Distt- Pithoragarh.<br>(Operated by: Uttarakhand Peyjal Nigam)           | 7.25                                                                                             | 132 | 162 | 7.87          | 18.0 | 23  | 350            |
| 61    | 1.5 MLD STP at Puchdi, Ramnagar, Nainital.<br>(Operated by: Uttarakhand Jal Sansthan)             | 7.16                                                                                             | 144 | 178 | 7.51          | 7.0  | 09  | 94             |
| 62    | 7.0 MLD STP Transport Nagar, Ramnagar, Distt-Nainital.<br>(Operated by: Uttarakhand Jal Sansthan) | 7.20                                                                                             | 180 | 220 | 7.34          | 9.0  | 10  | 84             |





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| S.No.                                                                    | Name of the Sewage Treatment Plant (With Capacity )                                            | Sampling Point                                                               |     |     |               |      |      |                |
|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----|-----|---------------|------|------|----------------|
|                                                                          |                                                                                                | Inlet of STP                                                                 |     |     | Outlet of STP |      |      |                |
|                                                                          |                                                                                                | pH                                                                           | BOD | TSS | pH            | BOD  | TSS  | Fecal Coliform |
| 63                                                                       | 0.45 MLD STP Narayan Nagar , Distt- Nainital .<br>(Operated by: Uttarakhand Jal Sansthan)      | 6.64                                                                         | 240 | 296 | 7.19          | 10.0 | 12   | 140            |
| 64                                                                       | 28 MLD STP, Indra Nagar, Haldwani Distt- Nainital .<br>(Operated by: Uttarakhand Peyjal Nigam) | 6.92                                                                         | 228 | 280 | 7.60          | 18.0 | 22   | 350            |
| 65                                                                       | 10 MLD STP Rusi Pond , District- Nainital.                                                     | New Sewage Treatment Plant (STP) of 17.5 MLD capacity is under construction. |     |     |               |      |      |                |
| Sewage Treatment final effluent standards (As Notified by MoEF&CC).      |                                                                                                |                                                                              |     |     | 6.5-9.0       | 30   | <100 | <1000          |
| Note: All values are in mg/l except pH, Fecal coliform (MPN Per 100 ml). |                                                                                                |                                                                              |     |     |               |      |      |                |

\* The Monitoring of 04 STPs (Badrinath-03 (District-Chamoli) & Gangotri-01 (District-Uttarkashi) not performed because of seasonal closure.

  
( Pramod Bhandari ) 03/04/2024  
Jr. Lab Assistant

  
( Pradeep Chauhan )  
Lab Assistant

  
( Amit Pokhriyal )  
Environment Engineer