



**HEAD OFFICE**  
**Uttarakhand Pollution Control Board**  
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Dehradun -28 2024

**E-MAIL / SPEED POST**

28/9/2024

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 Dhyani Chand National Stadium  
India Gate, New Delhi-110002.**

**Sub.: Monthly Progress Report of August, 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 August, 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.

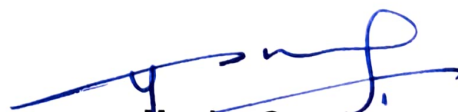
**Enclosed: As above.**

**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.**

**August 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 @ 40 LPCD) |

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

|                                                                                                   |                                                                                                                                                                                                           |                          |                            |
|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------|
| Existing no. of STPs and Treatment Capacity (in MLD)                                              | 69 STPs of 427.915 MLD treatment capacity                                                                                                                                                                 |                          |                            |
|                                                                                                   | District                                                                                                                                                                                                  | Installed capacity (MLD) | Capacity Utilization (MLD) |
|                                                                                                   | Chamoli                                                                                                                                                                                                   | 9.92                     | 2.693                      |
|                                                                                                   | Rudraprayag                                                                                                                                                                                               | 0.525                    | 0.289                      |
|                                                                                                   | Pauri                                                                                                                                                                                                     | 7.625                    | 5.692                      |
|                                                                                                   | Tehri                                                                                                                                                                                                     | 22.685                   | 14.701                     |
|                                                                                                   | Uttarkashi                                                                                                                                                                                                | 3.00                     | 1.983                      |
|                                                                                                   | Haridwar                                                                                                                                                                                                  | 178.00                   | 175.014                    |
|                                                                                                   | Dehradun                                                                                                                                                                                                  | 148.46                   | 62.821                     |
|                                                                                                   | Nainital                                                                                                                                                                                                  | 49.45                    | 25.460                     |
|                                                                                                   | Almora                                                                                                                                                                                                    | 2.00                     | 1.65                       |
|                                                                                                   | Pithoragarh                                                                                                                                                                                               | 6.25                     | 2.95                       |
|                                                                                                   | Total                                                                                                                                                                                                     | 427.915                  | 293.253                    |
| Capacity Utilization of existing STPs                                                             | 293.253 MLD                                                                                                                                                                                               |                          |                            |
| MLD of sewage being treated through alternate technology                                          | 192.085 MLD Through Septic tank and Soak pit.                                                                                                                                                             |                          |                            |
| No. of Operational STPs                                                                           | 65 Nos.                                                                                                                                                                                                   |                          |                            |
| No. of Non-Operational STPs                                                                       | 04 Nos.<br>(i) 0.075 MLD STP near Anoop Negi School, Rudraprayag.<br>(ii) 10 MLD STP Rusi Pond at Nainital.<br>(iii) 0.26 MLD STP near Bamni Gaon, Badrinath<br>(iv) 1.3 MLD STP Landour South, Mussoorie |                          |                            |
| No. of Complying STP's<br>(Out of 65 Operational STPs monitored in the month of August, 2024)     | <ul style="list-style-type: none"><li>As per standards notified by MoEF&amp; CC: <b>63</b></li><li>As per standards prescribed by the Hon'ble NGT order dated 30.04.2019: <b>42</b></li></ul>             |                          |                            |
| No. of non-complying STP's<br>(Out of 65 Operational STPs monitored in the month of August, 2024) | <ul style="list-style-type: none"><li>As per standards notified by MoEF&amp;CC: <b>02</b></li><li>As per standards prescribed by the Hon'ble NGT order dated 30.04.2019: <b>23</b></li></ul>              |                          |                            |
| 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 August, 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) Distt.- Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)            | 0.26                        | 0.050                         | Non-Operational           | STP found Non-operational because Inlet/Raw effluent of the STP is connected to 1.0 MLD STP Near Suspension Bridge, Badrinath due to non-operation of this plant.<br>(Date of Inspection: 29-08-2024). |                                            |
| 2.  | Badrinath (Near Temple) Distt.- Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)           | 0.01                        | 0.005                         | Operational               | Non - Complying                                                                                                                                                                                        | Non - Complying                            |
| 3.  | Badrinath (Near suspension Bridge) Distt. Chamoli<br>(Operated by: Uttarakhand Jal Sansthan) | 1.00                        | 0.200                         | Operational               | Complying                                                                                                                                                                                              | Complying                                  |
| 4.  | Joshimath (Pokhri) Distt.-Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)                 | 1.08                        | 0.421                         | Operational               | Complying                                                                                                                                                                                              | Complying                                  |
| 5.  | Chamoli Ghat Distt.-Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)                       | 0.76                        | 0.05                          | Operational               | Complying                                                                                                                                                                                              | Non - Complying                            |
| 6.  | Chamoli (Near Suspension bridge) Distt. Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)   | 0.05                        | 0.010                         | Operational               | Complying                                                                                                                                                                                              | Non - Complying                            |
| 7.  | Gopeshwar                                                                                    | 1.19                        | 0.50                          | Operational               | Complying                                                                                                                                                                                              | Complying                                  |

|     |                                                                                                                               |      |       |             |           |                    |
|-----|-------------------------------------------------------------------------------------------------------------------------------|------|-------|-------------|-----------|--------------------|
|     | (Vivekanand Colony)<br>Distt.-Chamoli<br>(Operated by:<br><b>Uttarakhand Jal<br/>Sansthan</b> )                               |      |       |             |           |                    |
| 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 | Non -<br>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 | 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 | 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 | 0.039 | 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 | 0.027 | Operational | Complying | Non -<br>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:<br><b>Uttarakhand Peyjal<br/>Nigam</b> )                        | 0.05 | 0.018 | Operational | Complying | Complying          |

|     |                                                                                                      |       |       |                 |                                                                                                                                                                                                                                        |                 |
|-----|------------------------------------------------------------------------------------------------------|-------|-------|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| 17. | Rudraprayag (Near AnoopNagi 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  | 0.048 | Operational     | Complying                                                                                                                                                                                                                              | Non - Complying |
| 19. | Rudraprayag (Near Bus Stand) Distt.-Rudraprayag<br>(Operated by: Uttarakhand Peyjal Nigam)           | 0.075 | 0.017 | Operational     | Complying                                                                                                                                                                                                                              | Complying       |
| 20. | Rudraprayag (Near SBI & Masjid), Distt-Rudraprayag<br>(Operated by: Uttarakhand Peyjal Nigam)        | 0.10  | 0.013 | Operational     | Complying                                                                                                                                                                                                                              | 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  | 0.011 | Operational     | Complying                                                                                                                                                                                                                              | Non - Complying |
| 23. | Kirtinagar (BRO Bridge), Distt.- Tehri<br>(Operated by: Uttarakhand Jal Sansthan)                    | 0.05  | 0.03  | Operational     | Complying                                                                                                                                                                                                                              | Non - Complying |
| 24. | Kirtinagar (Near Temple), Distt- Tehri<br>(Operated by: Uttarakhand Jal Sansthan)                    | 0.01  | 0.01  | Operational     | Complying                                                                                                                                                                                                                              | Non - Complying |
| 25. | Bhagirathipuram, Distt. -Tehri<br>(Operated by: Uttarakhand Jal Sansthan)                            | 5.00  | 2.50  | Operational     | Complying                                                                                                                                                                                                                              | Complying       |
| 26. | Chorpani, Dhalwala, Distt.-Tehri<br>(Operated by: Uttarakhand Peyjal Nigam)                          | 5.00  | 3.299 | Operational     | Complying                                                                                                                                                                                                                              | Complying       |
| 27. | Chandreshwar Ghat, Dhalwala,                                                                         | 7.50  | 7.476 | Operational     | Complying                                                                                                                                                                                                                              | Complying       |

|     |                                                                                                                   |       |       |             |                    |                    |
|-----|-------------------------------------------------------------------------------------------------------------------|-------|-------|-------------|--------------------|--------------------|
|     | 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          | Complying          |
| 29. | Shanti bazar,<br>Devprayag,<br>Distt.-Tehri<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)                      | 0.075 | 0.170 | Operational | Complying          | Non -<br>Complying |
| 30. | Sangambazar,<br>Devprayag<br>Distt.-Tehri<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)                        | 0.15  | 0.076 | Operational | Complying          | Complying          |
| 31. | Baah Bazar,<br>Devprayag<br>Distt.-Tehri<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                         | 1.40  | 0.04  | Operational | Complying          | Complying          |
| 32. | Gyansu, Uttarkashi<br>Distt.-Uttarkashi<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                          | 2.00  | 1.783 | Operational | Complying          | Complying          |
| 33. | Gangotri, Uttarkashi<br>Distt.-Uttarkashi<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                        | 1.00  | 0.20  | Operational | Non -<br>Complying | Non -<br>Complying |
| 34. | Nursery Road, Srinagar<br>Distt.-Pauri<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)                           | 3.50  | 3.0   | Operational | Complying          | 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  | 0.016 | 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 | 0.056 | Operational | Complying          | Complying          |
| 38. | Swargashram,<br>Rishikesh,                                                                                        | 3.00  | 2.12  | Operational | Complying          | Complying          |

|     |                                                                                                 |       |        |             |           |                    |
|-----|-------------------------------------------------------------------------------------------------|-------|--------|-------------|-----------|--------------------|
|     | 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 | 17.976 | 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 | 76.395 | 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 | 15.619 | 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 | Complying | 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<br>Distt.-Dehradun                                                           | 0.72  | 0.35   | Operational | Complying | Complying          |

|     |                                                                                                           |      |       |                      |                                                                                                                         |                    |
|-----|-----------------------------------------------------------------------------------------------------------|------|-------|----------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------|
|     | <i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                                                    |      |       |                      |                                                                                                                         |                    |
| 51. | Indira Nagar, Dehradun<br>Distt.-Dehradun<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>       | 5.00 | 5.00  | Operational          | Complying                                                                                                               | Complying          |
| 52. | Jakhan, Dehradun<br>Distt.-Dehradun<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>             | 1.00 | 0.14  | Operational          | Complying                                                                                                               | Complying          |
| 53. | Bhattafall, Mussoorie<br>Distt.-Dehradun<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>        | 3.12 | 0.80  | Operational          | Complying                                                                                                               | Complying          |
| 54. | Happy Valley,<br>Mussoorie<br>Distt.-Dehradun<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>   | 1.20 | 0.20  | Operational          | Complying                                                                                                               | Non -<br>Complying |
| 55. | Landour, South,<br>Mussoorie<br>Distt.-Dehradun<br><i>(Operated by: Uttarakhand<br/>Jal Sansthan)</i>     | 1.30 | 0.150 | Non -<br>Operational | STP found Non-operational<br>because sewage line was<br>damaged due to landslide.<br>(Date of inspection: 13-08-2024 ). |                    |
| 56. | Landour, North,<br>Mussoorie<br>Distt.-Dehradun<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i> | 0.80 | 0.035 | Operational          | Complying                                                                                                               | Complying          |
| 57. | Kulri Bazaar,<br>Mussoorie<br>Distt.-Dehradun<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>   | 0.90 | 0.35  | Operational          | Complying                                                                                                               | Complying          |
| 58. | Hari Nagar, Nainital<br>Distt.-Nainital<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>         | 0.45 | 0.25  | Operational          | Complying                                                                                                               | Non -<br>Complying |
| 59. | Krishnapur, Nainital<br>Distt.-Nainital<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>         | 0.80 | 0.45  | Operational          | Complying                                                                                                               | Non -<br>Complying |
| 60. | Bheemtal, Nainital<br>Distt.-Nainital<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>           | 1.25 | 0.810 | Operational          | Complying                                                                                                               | Non -<br>Complying |
| 61. | Bakh, Almora<br>Distt.-Almora<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                   | 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 is<br>under construction. |                    |
| 63. | Ancholi, Pithoragarh<br>Distt.-Pithoragarh<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)       | 5.00           | 1.8            | Operational           | Complying                                              | Non -<br>Complying |
| 64. | Nirada, Pithoragarh<br>Distt.- Pithoragarh<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)       | 1.25           | 1.150          | 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           | 0.5            | Operational           | Complying                                              | Complying          |
| 67. | Narayan Nagar,<br>Nainital<br>Distt. Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)    | 0.450          | -              | Operational           | Complying                                              | Non -<br>Complying |
| 68. | Marwari, Joshimath<br>Distt. -Chamoli<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)            | 2.70           | 0.603          | Operational           | Complying                                              | Complying          |
| 69. | Haldwani<br>(Indira Nagar)<br>Distt. -Nainital<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)   | 28.00          | 14.2           | Operational           | Complying                                              | Non -<br>Complying |
|     | <b>Total</b>                                                                                      | <b>427.915</b> | <b>293.253</b> |                       |                                                        |                    |

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

| Sl.<br>No. | Location                   | Capacity<br>of the<br>plant in<br>MLD | Physical<br>progress<br>in % | Status of I &<br>D or House<br>sewer<br>connections | Capacity of<br>proposed<br>co-<br>treatment<br>facility | Completion<br>Timeline  |
|------------|----------------------------|---------------------------------------|------------------------------|-----------------------------------------------------|---------------------------------------------------------|-------------------------|
| 1.         | Kaulagarh Distt. -Dehradun | 3.00                                  | 100%                         | -                                                   | -                                                       | Running                 |
| 2.         | Kashipur Distt. -US Nagar  | 18.00                                 | 95%                          | -                                                   | -                                                       | DOC-<br>August-<br>2024 |

| Sl. No. | Location                                                                               | Capacity of the plant in MLD | Physical progress in % | Status of I & D or House sewer connections | Capacity of proposed co-treatment facility | Completion Timeline |
|---------|----------------------------------------------------------------------------------------|------------------------------|------------------------|--------------------------------------------|--------------------------------------------|---------------------|
| 3.      | Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Dhella)               | 10.00                        | 94%                    | -                                          | 0.050                                      | DOC-Oct-2024        |
| 4.      | Mukhandpur, Kashipur, Distt. U.S. Nagar (Proposed under River Rejuvenation of Kosi)    | 0.50                         | 77%                    | -                                          | -                                          | DOC-Oct-2024        |
| 5.      | Gularia, Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Dhella)      | 0.30                         | 73%                    | -                                          | -                                          | DOC-Oct-2024        |
| 6.      | Jaspur Khurd, Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Bhella) | 1.00                         | 63%                    | -                                          | -                                          | DOC-Oct-2024        |
| 7.      | Hempur Smile, Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Bhella) | 2.00                         | 44%                    | -                                          | -                                          | DOC-Oct-2024        |
| 8.      | Beljudi Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Dhella)       | 0.50                         | 65%                    | -                                          | -                                          | DOC-Oct-2024        |
| 9.      | Bazpur Distt. U.S. Nagar (Proposed under River Rejuvenation of Pilakhar)               | 10.00                        | 69%                    | -                                          | 0.050                                      | DOC-Oct-2024        |
| 10.     | Kichha, Rudrapur Distt. U.S. Nagar (Proposed under River Rejuvenation of Kichha)       | 3.00                         | 48%                    | -                                          | 0.015                                      | DOC-Oct-2024        |
| 11.     | Sitarganj Distt. U.S. Nagar (Proposed under River Rejuvenation of Nandhour)            | 3.00                         | 40%                    | -                                          | 0.015                                      | DOC-Oct-2024        |
| 12.     | Arcadia Zone, Mussoorie Distt. Dehradun                                                | 0.70                         | 12%                    | -                                          | -                                          | DOC Jan - 2025      |
| 13.     | Library Zone, Mussoorie Distt. Dehradun                                                | 1.10                         | 70%                    | -                                          | -                                          | DOC Jan - 2025      |
| 14.     | Company Garden Zone Mussoorie, Distt. Dehradun                                         | 0.70                         | 50%                    | -                                          | -                                          | DOC Jan - 2025      |
| 15.     | Camel's Back Zone, Mussoorie, Distt. Dehradun                                          | 0.70                         | -                      | -                                          | -                                          | DOC Jan - 2025      |

| Sl. No. | Location                                       | Capacity of the plant in MLD | Physical progress in % | Status of I & D or House sewer connections | Capacity of proposed co-treatment facility | Completion Timeline |
|---------|------------------------------------------------|------------------------------|------------------------|--------------------------------------------|--------------------------------------------|---------------------|
| 16.     | Dhobi Ghat Zone, Mussoorie, Distt. Dehradun    | 0.05                         | 73%                    | -                                          | -                                          | DOC Jan - 2025      |
| 17.     | Near Saptkund Gaurikund Rudraprayag            | 0.20                         | 20%                    | -                                          | -                                          | DOC 02-10-2024      |
| 18.     | Ghoda Padav, Gaurikund Rudraprayag             | 0.01                         | 10%                    | -                                          | -                                          |                     |
| 19.     | Near Saptkund Gaurikund Rudraprayag            | 0.006                        | 20%                    | -                                          | -                                          |                     |
| 20.     | Near Saptkund Gaurikund Rudraprayag            | 0.006                        | 20%                    | -                                          | -                                          |                     |
| 21.     | Tilwada Distt. Rudraprayag                     | 0.10                         | 20%                    | -                                          | -                                          |                     |
| 22.     | Pandeykhaula Distt. Almora                     | 1.50                         | 85%                    | -                                          | -                                          | DOC 30-09-2024      |
| 23.     | Roosi Pond, Nainital Distt. Nainital           | 17.50                        | -                      | -                                          | -                                          | DOC-07.05.2025      |
| 24.     | Nakronda, Dehradun, Distt. Dehradun            | 18.00                        | -                      | -                                          | -                                          | DOC-May-2025        |
| 25.     | Daurwala, Dehradun, Distt. Dehradun            | 18.00                        | -                      | -                                          | -                                          | DOC-June - 2025     |
| 26.     | Banjarawala Package -1                         | 11.00                        | -                      | -                                          | -                                          | DOC-16.06.2025      |
| 27.     | Muni ki Reti-Dhalwala, Rishikesh, Distt. Tehri | 8.00                         | 5%                     | -                                          | -                                          | DOC-03.12.2025      |
| 28.     | Muni ki Reti-Dhalwala, Rishikesh, Distt. Tehri | 0.3                          | 1%                     | -                                          | -                                          | DOC-15.08.2025      |
| 29.     | Swargashram, Rishikesh Distt. Pauri            | 3.00                         | 8%                     | -                                          | -                                          | DOC-03.12.2025      |
| 30.     | Neelkanth, Rishikesh Distt. Pauri              | 1.50                         | 3%                     | -                                          | -                                          | DOC-03.12.2025      |
| 31.     | Sapera Basti, Dehradun                         | 15.00                        | -                      | -                                          | -                                          | DOC – 15.03.2026    |

| Sl. No.      | Location                              | Capacity of the plant in MLD | Physical progress in % | Status of I & D or House sewer connections | Capacity of proposed co-treatment facility | Completion Timeline |
|--------------|---------------------------------------|------------------------------|------------------------|--------------------------------------------|--------------------------------------------|---------------------|
| 32.          | Narendra Nagar, Distt – Tehri Garhwal | 2.00                         | -                      | -                                          | -                                          | -                   |
| <b>Total</b> |                                       | <b>150.672</b>               |                        |                                            | <b>0.130</b>                               |                     |

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

| Sl. No. | Location                                                                  | Capacity of the STP proposed in MLD | Capacity of the FSTP proposed in MLD | Capacity of the Co-treatment plant proposed in MLD | Program      | Status of Project (at DPR Stage/Under Trending/Work to be Awarded) | Likely Date of Completion |
|---------|---------------------------------------------------------------------------|-------------------------------------|--------------------------------------|----------------------------------------------------|--------------|--------------------------------------------------------------------|---------------------------|
| 1.      | Khadri, Rishikesh Distt. Dehradun                                         | 5.00                                | -                                    | -                                                  | KFW          | Proposed under KfW                                                 |                           |
| 2.      | Rishikesh Co – treatment Plant                                            | -                                   | -                                    | 0.050                                              | Namami Gange | FBER sent to NMCG for approval                                     |                           |
| 3.      | Devprayag Co treatment Plant                                              | -                                   | -                                    | 0.005                                              | Namami Gange | FBER sent to NMCG for approval                                     |                           |
| 4.      | Rudrapur Distt. U.S. Nagar (Proposed under River Rejuvenation of Kalyani) | 39.00                               | -                                    | -                                                  | Namami Gange | DPR sent to NMCG                                                   |                           |
| 5.      | Gyansu STP Distt. Uttarkashi                                              | 4.00                                |                                      |                                                    | State Sector | DPR prepared and sent to State sector for fund allocation.         |                           |
| 6.      | Chinyalisaur FSTP                                                         | -                                   | 0.010                                | -                                                  | SBM 2.0      | DPR sent to UD Secretariat                                         |                           |
| 7.      | Shivalik Nagar, Distt. Haridwar                                           | 8.00                                | -                                    | -                                                  | KFW          | Proposed under KfW                                                 |                           |
| 8.      | Jageetpur Co treatment plant                                              | -                                   | -                                    | 0.100                                              | Namami Gange | FBER sent to NMCG for approval                                     |                           |

| Sl. No. | Location                                                  | Capacity of the STP proposed in MLD | Capacity of the FSTP proposed in MLD | Capacity of the Co-treatment plant proposed in MLD | Program      | Status of Project (at DPR Stage/Under Trending/Work to be Awarded) | Likely Date of Completion |
|---------|-----------------------------------------------------------|-------------------------------------|--------------------------------------|----------------------------------------------------|--------------|--------------------------------------------------------------------|---------------------------|
| 9.      | Sarai, Co treatment plant                                 | -                                   | -                                    | 0.050                                              | Namami Gange | FBER sent to NMCG for approval                                     |                           |
| 10.     | Kotdwar STP with Co treatment plant Distt. Pauri          | 21.00                               | -                                    | 0.050                                              | Namami Gange | NO on FBER received from NMCG, LOA is being issued.                |                           |
| 11.     | Haldwani STP with co treatment plant Distt. Nainital      | 10.50                               | -                                    | 0.140                                              | ADB          | DPR under Preparation <b>(ADB funded project).</b>                 |                           |
| 12.     | Vikasnagar, STP With Co – treatment plant Distt. Dehradun | 7.00                                | -                                    | 0.010                                              | ADB          | DPR under Preparation <b>(ADB funded project).</b>                 |                           |
| 13.     | Ranikhet STP Co Treatment Plant                           | 1.50                                | -                                    | -                                                  | SBM 2.0      | DPR Under Preparation                                              |                           |
| 14.     | Chaukutiya STP Co Treatment Plant                         | 1.30                                | -                                    | -                                                  | SBM 2.0      | DPR Under Preparation                                              |                           |
| 15.     | Bageshwar STP Co Treatment Plant                          | 5.40                                | -                                    | -                                                  | SBM 2.0      | DPR Under Preparation                                              |                           |
| 16.     | Gairsain STP Co Treatment Plant                           | 2.34                                | -                                    | -                                                  | SBM 2.0      | DPR Under Preparation                                              |                           |
| 17.     | Tharali STP Co Treatment Plant                            | 0.11                                | -                                    | -                                                  | SBM 2.0      | DPR Under Preparation                                              |                           |
| 18.     | Gauchar, FSTP                                             | -                                   | 0.010                                | -                                                  | SBM 2.0      | DPR sent to UD Secretariat                                         |                           |
| 19.     | Mangalore STP with Co Treatment Plant                     | 8.10                                | -                                    | 0.030                                              | SBM 2.0      | DPR Prepared                                                       |                           |
| 20.     | Laksar STP                                                | 6.10                                | -                                    | -                                                  | SBM 2.0      | DPR Under                                                          |                           |

| Sl. No. | Location                              | Capacity of the STP proposed in MLD | Capacity of the FSTP proposed in MLD | Capacity of the Co-treatment plant proposed in MLD | Program      | Status of Project (at DPR Stage/Under Trending/Work to be Awarded) | Likely Date of Completion |
|---------|---------------------------------------|-------------------------------------|--------------------------------------|----------------------------------------------------|--------------|--------------------------------------------------------------------|---------------------------|
|         | Co Treatment Plant                    |                                     |                                      |                                                    |              | Preparation                                                        |                           |
| 21.     | Satpuli STP with Co Treatment Plant   | 1.10                                | -                                    | 0.0004                                             | SBM 2.0      | DPR Prepared                                                       |                           |
| 22.     | Pauri STP with Co Treatment Plant     | 1.00                                | -                                    | 0.011                                              | SBM 2.0      | DPR Prepared                                                       |                           |
| 23.     | Thalisain STP with Co Treatment Plant | 0.50                                | -                                    | 0.022                                              | SBM 2.0      | DPR Prepared                                                       |                           |
| 24.     | Srinagar STP Co treatment plant       | -                                   | -                                    | 0.030                                              | Namami Gange | FBER sent to NMCG for approval                                     |                           |
| 25.     | Berinag STP Co Treatment Plant        | 1.10                                | -                                    | -                                                  | SBM 2.0      | DPR Under Preparation                                              |                           |
| 26.     | Didihat STP Co Treatment Plant        | 0.40                                | -                                    | -                                                  | SBM 2.0      | DPR Under Preparation                                              |                           |
| 27.     | Lambgaon STP Co Treatment Plant       | 0.50                                | -                                    | -                                                  | SBM 2.0      | DPR Prepared                                                       |                           |
| 28.     | Ghansali STP Co Treatment Plant       | 0.24                                | -                                    | -                                                  | SBM 2.0      | DPR Prepared                                                       |                           |
| 29.     | Ghansali STP Co Treatment Plant       | 0.55                                | -                                    | -                                                  | SBM 2.0      | DPR Prepared                                                       |                           |
| 30.     | Ghansali STP with Co Treatment Plant  | 0.75                                | -                                    | 0.002                                              | SBM 2.0      | DPR Prepared                                                       |                           |
| 31.     | Ghansali STP Co                       | 0.36                                | -                                    | -                                                  | SBM 2.0      | DPR Prepared                                                       |                           |

| Sl. No.      | Location                              | Capacity of the STP proposed in MLD | Capacity of the FSTP proposed in MLD | Capacity of the Co-treatment plant proposed in MLD | Program | Status of Project (at DPR Stage/Under Trending/Work to be Awarded) | Likely Date of Completion |
|--------------|---------------------------------------|-------------------------------------|--------------------------------------|----------------------------------------------------|---------|--------------------------------------------------------------------|---------------------------|
|              | Treatment Plant                       |                                     |                                      |                                                    |         |                                                                    |                           |
| 32.          | Chamiyala STP Co Treatment Plant      | 0.15                                | -                                    | -                                                  | SBM 2.0 | DPR Prepared                                                       |                           |
| 33.          | Chamiyala STP with Co Treatment Plant | 0.61                                | -                                    | 0.002                                              | SBM 2.0 | DPR Prepared                                                       |                           |
| 34.          | Chamiyala STP Co Treatment Plant      | 0.39                                | -                                    | -                                                  | SBM 2.0 | DPR Prepared                                                       |                           |
| 35.          | Jasgur STP with Co Treatment Plant    | 9.0                                 | -                                    | 0.060                                              | SBM 2.0 | DPR Prepared                                                       |                           |
| 36.          | Purola STP Co Treatment Plant         | 1.0                                 | -                                    | -                                                  | SBM 2.0 | DPR Prepared                                                       |                           |
| 37.          | Barkot STP Co Treatment Plant         | 3.80                                | -                                    | -                                                  | SBM 2.0 | DPR Prepared                                                       |                           |
| <b>Total</b> |                                       | <b>140.800</b>                      | <b>0.020</b>                         | <b>0.5624</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                                                       | 13,137<br>6,899 - Industrial Operation<br>6,238 - Non-Industrial Operation                                                                                                                                                                                                                            |
| No. of water polluting industries in the State                                       | 1089                                                                                                                                                                                                                                                                                                  |
| Quantity of effluent generated from the industries in MLD                            | 112.3 MLD                                                                                                                                                                                                                                                                                             |
| Number of industrial units having ETPs                                               | 1089                                                                                                                                                                                                                                                                                                  |
| Number and total capacity of ETPs (details of existing/ under construction/proposed) | 144.02 MLD                                                                                                                                                                                                                                                                                            |
| Compliance status of the ETPs                                                        | Complying – 1088<br>Non – Complying - 01                                                                                                                                                                                                                                                              |
| 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 August 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 is 4.5 MLD & Capable to treat– 5.2 MLD).<br>Operational and complying                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| IIE, Pantnagar (US Nagar) | 499               | 4.0 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 directed the implementing agency Uttarakhand Peyjal Nigam for execution of work Peyjal Nigam Submitted an estimate of Rs. 1908.86 lacs after TAC from planning department Govt. of Uttarakhand and SIDCUL has approved the same. Implementing agency started the work after approval of SIDCUL and |

|                           |    |         |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------|----|---------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                           |    |         |                                  | work is in progress. Date of completion of work as per M.O.U. is September 2025.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| ESIP Sitarganj (US Nagar) | 75 | 4.0 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<br>Population- 36,26,586                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Current Municipal Solid Waste Generation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1660.98 MTPD<br>ULB wise details in enclosed as <b>Annexure-1.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Current Municipal Solid Waste Processed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1638.88 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>▪ 03 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>▪ 14 MSW processing facility has been constructed/Functional in the state including 85 Material Recovery Facility with total capacity of 450 TPD.</li> <li>▪ 02 CBG plant are Constructed/functional with total capacity of 58 TPD.</li> <li>▪ 663 NADEP/Compost Pit 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's.</li> <li>▪ In NPP Muni-ki-Reti, a 5MTPD capacity Plastic to Plank system has been installed.</li> <li>▪ Plastic Compactors- 78 Nos. (Operational).The</li> </ul> |

|                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                                                         | <p><i>total capacity of Plastic Compactor in ULBs is 380 Tonnes per day.</i></p> <ul style="list-style-type: none"> <li>▪ <i>Revenue generated from the plastic compactors is Rs. 4.95 Cr. till August, 2024 by selling compacted plastics/ bails.</i></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap>20%)      | <ul style="list-style-type: none"> <li>▪ 19 CSWTFs are constructed/operational in the state</li> <li>▪ 49 CSWTF to be constructed which are under different stage of execution.</li> <li>▪ 500 TPD torrefied Charcoal plant in Haldwani and Haridwar is proposed under CSR fund.</li> <li>▪ MoU has been signed between NN Haldwani and NTPC for the establishment of 500 TPD torrefied Charcoal plant at Haldwani.</li> <li>▪ MoU has been signed between NN Haridwar and THDCIL-UJVNL for the establishment of 500 TPD torrefied Charcoal plant in Haridwar.</li> </ul>                                                                                                                                                                                                                                                                                                                         |
| Nos. and capacity of C&D waste processing plants in TDP (existing, proposed and under construction)                     | <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 revised. EOI has been issued by NN Dehradun.</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 is 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> |
| Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source. | <p>Total number of Wards-1269<br/>Door to door Collecton-1269<br/>Source Segregation-1188</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)                     | <ol style="list-style-type: none"> <li>1- 65 MSW treatment facilities are proposed under SBM 1.0 &amp; 2.0</li> <li>2- DPR of 62 MSW treatment facilities approved under SBM 1.0 and DPR of 3 MSW treatment facilities are under revision as per SBM 2.0 guidelines (Shivalik Nagar, Chaukhutiya &amp; Kedarnath)</li> <li>3- 500 TPD torrefied Charcoal plant in Haldwani and Haridwar is proposed under CSR fund.</li> <li>4- MoU has been signed between NN Haldwani and NTPC for the establishment of 500 TPD torrefied Charcoal plant at Haldwani.</li> <li>5- MoU has been signed between NN Haridwar and THDCIL-UJVNL for the establishment of 500 TPD torrefied Charcoal plant in Haridwar.</li> <li>6- Work of 49 MSW treatment facility/MRF/Compost</li> </ol>                                                                                                                          |

plant are different stage of execution.

- 7- 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>-</b>                          |

**EC Applied/Under Process for following projects**

| S. N. | Name of Project/ULB  | No. of ULBs | Remarks                                                                                                                                                        |
|-------|----------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | Kotdwar ISWM Cluster | 1           | Proposal accepted and referred to EAC on 14-05-2024 by MS MoEFCC (EC)                                                                                          |
| 2     | Pithoragarh          | 1           | Conditional ToR granted vide letter dt. 13-5-2023                                                                                                              |
| 3     | Gauchar              | 1           | ToR approved on 14-8-2024 and Sub-committee of SEAC will visit the site to ascertain the factual position of the proposed site before submission of final EIA. |
| 4     | Roorkee ISWM Cluster | 5           | Final Hearing held on 28.08.24 for EC by SEIAA                                                                                                                 |

|                                                 |                                          |                                                                                               |                    |                                                                                                                                                                |
|-------------------------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                 | 5                                        | Sitarganj                                                                                     | 1                  | ToR approved on 28.08.24 and Sub-committee of SEAC will visit the site to ascertain the factual position of the proposed site before submission of final EIA.  |
|                                                 | 6                                        | Mahuakhedaganj                                                                                | 1                  | ToR approved on 28.08.24 and ToR to be issued. by MS-MoEFCC(EC)                                                                                                |
|                                                 | 7                                        | Naugaon (Uttarkashi)                                                                          | 1                  | ToR approved on 14-8-2024 and Sub-committee of SEAC will visit the site to ascertain the factual position of the proposed site before submission of final EIA. |
|                                                 | 8                                        | Kirtinagar                                                                                    | 1                  | Revised ToR applied for approval on 22-11-2023                                                                                                                 |
|                                                 | 9                                        | Gadarpur ISWM Cluster                                                                         | 4                  | ToR to be applied                                                                                                                                              |
|                                                 | 10                                       | Karnprayag                                                                                    | 1                  | Public Hearing scheduled on 05-08-2024                                                                                                                         |
|                                                 | 11                                       | Banbasa (Tanakpur)                                                                            | 2                  | Proposal accepted and referred to EAC on 17-05-2024 by MS MoEFCC (EC)                                                                                          |
|                                                 | 12                                       | Pokahri                                                                                       | 1                  | Applied for ToR on 12.06.24 and referred to SEIAA                                                                                                              |
|                                                 | 13                                       | Bageshwar                                                                                     | 1                  | Proposal registered on Parivesh Portal on 14.02.2024 and under examination at SEIAA.                                                                           |
|                                                 | 14                                       | Kashipur ISWM Cluster                                                                         | 3                  | Work order issued to EC Consultant on 23.03.24, registration on Parvesh Portal is under progress                                                               |
|                                                 |                                          | <b>Total</b>                                                                                  | <b>24</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>           |                                                                                                                                                                |
| No. and area (in acres) of uncontrolled garbage |                                          | <ul style="list-style-type: none"> <li><b>Legacy Waste/ Old Garbage Dump Site:</b></li> </ul> |                    |                                                                                                                                                                |

|                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| dumpsites and Sanitary Landfills                                                                                                                | <p>There are 50 Legacy waste/ garbage dumpsites in the state.</p> <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>• 14 DPR of 13 ULBs has been approved by MoHUA, GoI under SBM 2.0 out of which fund received for the remediation of 08 dumpsites.</li> <li>• Remediation is ongoing in NN Rishikesh (2.17 Lacs MT), NN Roorkee (1.30 Lacs MT) and NN Rudrapur (0.74 Lacs MT)</li> <li>• Tender Done in NN Dehradun (4.99 Lacs MT), NN Haridwar (4.20 Lacs MT).</li> <li>• Tender under process in NN Haldwani (2.07 Lacs MT) and NN Srinagar (0.18 Lacs MT)</li> <li>• 5.67 MT legacy waste has been remediated against the total 22.85 MT.</li> </ul> <p><b>Sanitary Land Fill:</b> 03 Scientific Sanitary Landfills (Kirtinagar, Haridwar &amp; Dehradun) are in operation.</p> |
| 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 is being remediated</p> <p>In Srinagar legacy Waste has been shifted away from Ganga River and tender under process for the remediation.</p> <p>In Uttarkashi, Remediation of legacy is under process and ULB has enclosed the legacy waste site by constructing boundary wall of 3 m. height.</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       | Two CBMTF facilities are operational in the State permitted for treatment of 101.67 MT per month waste. |

|  |                                                                                                                                                                             |
|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | Two more CBMWTFs are proposed in Narendra Nagar (Distt. Tehri) and Sitarganj (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>▪ 78 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>4.98 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, 21-07-2023 &amp; 24-04-2024.</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</li> </ul> |

|  |                                                                                                                       |
|--|-----------------------------------------------------------------------------------------------------------------------|
|  | <p>imposed on violators.</p> <ul style="list-style-type: none"> <li>SUP grievance app has created by CPCB.</li> </ul> |
|--|-----------------------------------------------------------------------------------------------------------------------|

#### OTHERS:

|    |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8. | <p>Details of Alternate Treatment Technology being adopted by the State/UT</p>                                                                | <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. | <p>Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in situ treatment.</p> | <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> |

|     |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                                                                                                                               | 06 Drains Kichch River.<br>03 Drains Suswa River.<br>01 Drains Rispana River.<br>01 Drains Bindal River.<br>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, 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. | <p>Surface water quality monitoring of 09 polluted river stretches during the month of August, 2024 is enclosed as <b>Annexure-2</b>.</p> <p>It is state that River Ganga (Haridwar to Sultanpur) (Priority-IV) has already achieved Class "B" water, therefore, It will be de-listed from the polluted river stretches.</p>                                                                                                                                                                                                                                                               |
| 13. | Groundwater regulation                                                                                                                        | ----                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 14. | Good irrigation practices being adopted by the State.                                                                                         | <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>                                                                                                                                                                                                                                                                        |
| 15. | Rain Water Harvesting                                                                                                                         | It is being implemented through Catch the Rain Campaign.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 16. | Demarcation of Floodplain and removal of illegal encroachments.                                                                               | <p>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 December 2025</p>                                                                                                              |
| 17. | Maintaining minimum e-flow of river.                                                                                                          | <ul style="list-style-type: none"> <li>In pursuit to Hon'ble NGT order dated 09.08.2017 in Original Application no. 498 of 2015 (M.A No. 628/2016) Pushp Saini Vs MoEF&amp;CC, Gol 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. UJVNL is the monitoring agency for obtaining e-flow release from the project developers.</li> <li>Ministry of Water Resources, River Development</li> </ul> |

|        |                                         | <p>and Ganga Rejuvenation vide its order dated 09.10.2018 issued norms for minimum environmental flows to be maintained at location downstream of the structures or projects. For Upper Ganga River Basin Stretch starting from originating glaciers and through respective confluences finally meeting at Devprayag up to Haridwar 20%, 25% &amp; 30% e-flow of monthly average flow observed during each of preceding 10-daily period should be maintained in dry, lean and high flow season respectively.</p> <ul style="list-style-type: none"> <li>Central Water Commission (CWC) is designated authority and the custodian of the data and shall be responsible for supervision, monitoring, regulation of flows in Ganga Basin.</li> <li>In compliance of Hon'ble NGT order dated 09.08.2017 and GoUK order dated 05.06.2018, UJVNL and various other hydro project developers in the State of Uttarakhand are maintaining e-flow as per norms.</li> <li>In compliance to MoWR RD&amp;GR order dated 09.10.2018, UJVNL and various other hydro project developers are maintaining e-flow in the State of Uttarakhand as per norms except Srinagar HEP as per the information received from CWC.</li> </ul> <p>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 August, 2024:</p> <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</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> <li>18 HEPs having &lt;25 MW capacity located in the State are complying with e-flow norms</li> </ul> <p>Details of E-flow of August, 2024 is enclosed as <b>Annexure 3(A), 3(B) &amp; 3(C)</b>.</p> |        |      |                  |    |         |         |    |         |         |
|--------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------------------|----|---------|---------|----|---------|---------|
| 18.    | Plantation activities along the rivers. | <p><b>1. Plantations in Catchments of Ganga &amp; its Tributaries under various schemes of CAMPA in Uttarakhand:</b></p> <table border="1"> <thead> <tr> <th>S. No.</th><th>Year</th><th>Plantations (ha)</th></tr> </thead> <tbody> <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> </tbody> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | S. No. | Year | Plantations (ha) | 1. | 2020-21 | 5181.64 | 2. | 2021-22 | 3781.46 |
| S. No. | Year                                    | Plantations (ha)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |      |                  |    |         |         |    |         |         |
| 1.     | 2020-21                                 | 5181.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |      |                  |    |         |         |    |         |         |
| 2.     | 2021-22                                 | 3781.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |      |                  |    |         |         |    |         |         |

|  |  |                                                                                                                                                                      |          |                               |                  |             |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------|------------------|-------------|
|  |  | 3.                                                                                                                                                                   | 2022-23  | 3802.70                       |                  |             |
|  |  | 4.                                                                                                                                                                   | 2023-24  | 3195.14                       |                  |             |
|  |  | 5.                                                                                                                                                                   | 2024-25* | 1081.57                       |                  |             |
|  |  |                                                                                                                                                                      | Total    | 17042.51                      |                  |             |
|  |  | *in progress                                                                                                                                                         |          |                               |                  |             |
|  |  | 2. Plantations under 'Namami Gange' Project utilizing CAMPA funds in various Ganga districts:                                                                        |          |                               |                  |             |
|  |  | S. No.                                                                                                                                                               | Year     | ASW (ha)                      | Plantations (ha) |             |
|  |  | 1.                                                                                                                                                                   | 2022-23  | 1390.00                       | -                |             |
|  |  | 2.                                                                                                                                                                   | 2023-24  | 1104.00                       | 1390.00          |             |
|  |  | 3.                                                                                                                                                                   | 2024-25* | -                             | 235.34           |             |
|  |  |                                                                                                                                                                      | Total    | 2494.00                       | 1625.34          |             |
|  |  | * in progress                                                                                                                                                        |          |                               |                  |             |
|  |  | 3. Activities implemented under River Rejuvenation scheme of CAMPA                                                                                                   |          |                               |                  |             |
|  |  | 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       |
|  |  | 4. Work under Hon. NGT order in OA 673/2018 (Treatment of critically polluted river stretches (namely Bhella, Dhella, Suswa, Pilakhar, Nandhour and Kalyani rivers): |          |                               |                  |             |
|  |  | S. No.                                                                                                                                                               | Year     | Name of Activity              | Unit             | Achievement |
|  |  | 1.                                                                                                                                                                   | 2020-21  | Plantation                    | Nos.             | 4000        |
|  |  | 2.                                                                                                                                                                   |          | Crate Wire Wall               | Nos.             | 12          |
|  |  | 3.                                                                                                                                                                   |          | Spur                          | Nos.             | 26          |
|  |  | 4.                                                                                                                                                                   |          | Contour                       | RM.              | 2000        |

|                                                                                           |                                  |                                                                                                                                                                                                                                                                                                          |                    |                    |        |
|-------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------|--------|
|                                                                                           |                                  |                                                                                                                                                                                                                                                                                                          | Trenches           |                    |        |
| 5.                                                                                        |                                  |                                                                                                                                                                                                                                                                                                          | Check Dams         | Nos.               | 142    |
| 6.                                                                                        |                                  |                                                                                                                                                                                                                                                                                                          | Advance Soil Works | Ha                 | 6      |
| 7.                                                                                        |                                  |                                                                                                                                                                                                                                                                                                          | Pitching Work      | CUM                | 882    |
| 8.                                                                                        |                                  |                                                                                                                                                                                                                                                                                                          | CC Blocks          | RM                 | 69.5   |
| <b>Note:</b> not approved beyond 2021-22.                                                 |                                  |                                                                                                                                                                                                                                                                                                          |                    |                    |        |
| <b>5. Works under conservation of flood plain zones of Ganga River in OA No. 200/2014</b> |                                  |                                                                                                                                                                                                                                                                                                          |                    |                    |        |
| <b>S. No.</b>                                                                             | <b>Year</b>                      | <b>Name of Activity</b>                                                                                                                                                                                                                                                                                  | <b>Unit</b>        | <b>Achievement</b> |        |
| 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( maint.)                                                                                                                                                                                                                                                                                     | Ha                 |                    | 122.44 |
|                                                                                           |                                  | Check Dams                                                                                                                                                                                                                                                                                               | Nos.               |                    | 770    |
| 6.                                                                                        | 2024-25*                         | Plantations                                                                                                                                                                                                                                                                                              | Ha                 |                    | -      |
|                                                                                           |                                  | Check Dams                                                                                                                                                                                                                                                                                               | Nos.               |                    | -      |
| * Release of funds in 2024-25 awaited from GoUK.                                          |                                  |                                                                                                                                                                                                                                                                                                          |                    |                    |        |
| <b>6. Works under conservation &amp; development of wetlands in OA No. 325/2015</b>       |                                  |                                                                                                                                                                                                                                                                                                          |                    |                    |        |
| <b>S. No.</b>                                                                             | <b>Year</b>                      | <b>Name of Activity</b>                                                                                                                                                                                                                                                                                  | <b>Unit</b>        | <b>Achievement</b> |        |
| 1.                                                                                        |                                  | Plantation                                                                                                                                                                                                                                                                                               | Ha                 |                    | 24.00  |
| 2.                                                                                        |                                  | Check Dams                                                                                                                                                                                                                                                                                               | Nos.               |                    | 1035   |
| 3.                                                                                        |                                  | Contour Trenches                                                                                                                                                                                                                                                                                         | Ha                 |                    | 5.00   |
| 4.                                                                                        | 2022-22                          | Percolation Pits                                                                                                                                                                                                                                                                                         | Ha                 |                    | 50.00  |
| 5.                                                                                        |                                  | Maintenance, cleaning works etc.                                                                                                                                                                                                                                                                         | Ha                 |                    | 5.00   |
| 6.                                                                                        | 2023-24                          | Plantation                                                                                                                                                                                                                                                                                               | Ha                 |                    | 2.40   |
| <b>Note:</b> progress as per CAMPA MIS                                                    |                                  |                                                                                                                                                                                                                                                                                                          |                    |                    |        |
| 19.                                                                                       | Development of biodiversity park | -----                                                                                                                                                                                                                                                                                                    |                    |                    |        |
| 20.                                                                                       | Reuse of treated Water.          | 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. |                    |                    |        |

|     |                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 material (RBM) is carried out as per approved mining plan and the Sustainable Sand Mining Guidelines-2016 &amp; Enforcement and Monitoring Guidelines for Sand Mining, 2020 (EMGSM-2020) of Ministry of Environment, Forest And Climate Change, Government of India within the demarcated area up to a depth of 03 meter or ground water 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 01st August onwards up to 30th 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</li> </ol> |

|       |                                                                                                                  | <p>the complaints related to mining.</p> <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 August 2024, a 252 Cases of illegal mining/illegal transportation/illegal storage and a total 4.82 crore has been recovered from them.</p> <p>The enforcement work done to prevent illegal mining/illegal transportation/illegal storage in the last 10 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</td><td>2512</td><td>19.17</td></tr><tr><td>10.</td><td>Up to August 2024-25</td><td>1178</td><td>57.88</td></tr><tr><td></td><td><b>Total</b></td><td><b>21,640</b></td><td><b>188.04</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 | 2512 | 19.17 | 10. | Up to August 2024-25 | 1178 | 57.88 |  | <b>Total</b> | <b>21,640</b> | <b>188.04</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                                                                                                          | 2512                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 19.17                            |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |         |      |       |     |                      |      |       |  |              |               |               |
| 10.   | Up to August 2024-25                                                                                             | 1178                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 57.88                            |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |         |      |       |     |                      |      |       |  |              |               |               |
|       | <b>Total</b>                                                                                                     | <b>21,640</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>188.04</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. 7.69 Crore</b> from various defaulters / law violators as an environment compensation.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                  |                |                                               |                                  |    |           |      |       |    |           |      |      |    |           |      |      |    |           |      |       |    |           |      |      |    |           |      |       |    |           |      |       |    |         |      |       |    |         |      |       |     |                      |      |       |  |              |               |               |

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## Monthly Progress Report of the month of August-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                                  | 3.40              | 3.40             |
| 2     | UTTARKASHI               | BARAHAT UTTARKASHI       | 11          | 11                             | 11                                 | 6.06              | 6.06             |
| 3     | UTTARKASHI               | GANGOTRIDHAM             | 4           | 4                              | 4                                  | 0.00              | 0.00             |
| 4     | UTTARKASHI               | PUROLA                   | 7           | 7                              | 7                                  | 2.42              | 2.42             |
| 5     | UTTARKASHI               | CHIMYALISUR              | 7           | 7                              | 7                                  | 2.50              | 2.50             |
| 6     | UTTARKASHI               | NAUGAON                  | 7           | 7                              | 7                                  | 2.00              | 2.00             |
| 1     | <b>UTTARKASHI</b>        |                          | <b>43</b>   | <b>43</b>                      | <b>43</b>                          | <b>16.38</b>      | <b>16.38</b>     |
| 7     | CHAMOLI GOPESHWAR        | BADRINATH                | 4           | 4                              | 4                                  | 0.65              | 0.65             |
| 8     | CHAMOLI GOPESHWAR        | JOSHIMATH                | 9           | 9                              | 9                                  | 3.10              | 2.90             |
| 9     | CHAMOLI GOPESHWAR        | CHAMOLI-GOPESHWAR        | 11          | 11                             | 11                                 | 4.84              | 4.84             |
| 10    | CHAMOLI GOPESHWAR        | NANDPRAYAG               | 4           | 4                              | 4                                  | 0.50              | 0.50             |
| 11    | CHAMOLI GOPESHWAR        | GAUCHAR                  | 7           | 7                              | 7                                  | 3.10              | 3.10             |
| 12    | CHAMOLI GOPESHWAR        | KARNAPRAYAG              | 7           | 7                              | 7                                  | 2.10              | 2.20             |
| 13    | CHAMOLI GOPESHWAR        | GAIRSAIN                 | 7           | 7                              | 7                                  | 1.16              | 1.16             |
| 14    | CHAMOLI GOPESHWAR        | POKHARI                  | 7           | 7                              | 7                                  | 2.00              | 2.00             |
| 15    | CHAMOLI GOPESHWAR        | THARALI                  | 4           | 4                              | 4                                  | 0.77              | 0.26             |
| 16    | CHAMOLI GOPESHWAR        | PIPALKOTI                | 4           | 4                              | 4                                  | 0.03              | 0.03             |
| 2     | <b>CHAMOLI GOPESHWAR</b> |                          | <b>64</b>   | <b>64</b>                      | <b>64</b>                          | <b>18.25</b>      | <b>17.64</b>     |
| 17    | RUDRAPRAYAG              | KEDARNATH                | 1           | 1                              | 1                                  | 0.01              | 0.00             |
| 18    | RUDRAPRAYAG              | RUDRAPRAYAG              | 7           | 7                              | 7                                  | 3.20              | 3.20             |
| 19    | RUDRAPRAYAG              | UKHIMATH                 | 4           | 4                              | 4                                  | 0.23              | 0.23             |
| 20    | RUDRAPRAYAG              | AUGSTMUNI                | 7           | 7                              | 7                                  | 1.22              | 1.22             |
| 21    | RUDRAPRAYAG              | TILWARA                  | 4           | 4                              | 4                                  | 0.90              | 0.49             |
| 3     | <b>RUDRAPRAYAG</b>       |                          | <b>23</b>   | <b>23</b>                      | <b>23</b>                          | <b>5.56</b>       | <b>5.14</b>      |
| 22    | TEHRI                    | KIRTINAGAR               | 4           | 4                              | 4                                  | 0.97              | 0.97             |
| 23    | TEHRI                    | DEVAPRAYAG               | 4           | 4                              | 4                                  | 0.29              | 0.29             |
| 24    | TEHRI                    | TEHRI                    | 11          | 11                             | 10                                 | 11.06             | 10.37            |
| 25    | TEHRI                    | CHAMBA U                 | 9           | 9                              | 9                                  | 3.61              | 3.61             |
| 26    | TEHRI                    | NARENDRA NAGAR           | 7           | 7                              | 7                                  | 1.61              | 1.61             |
| 27    | TEHRI                    | MUNI-KI-RETI             | 11          | 11                             | 11                                 | 14.52             | 14.52            |
| 28    | TEHRI                    | GHANSALI                 | 7           | 7                              | 7                                  | 1.90              | 1.90             |
| 29    | TEHRI                    | LAMB GAON                | 4           | 4                              | 4                                  | 0.84              | 0.00             |
| 30    | TEHRI                    | GAJA                     | 4           | 4                              | 4                                  | 0.87              | 0.87             |
| 31    | TEHRI                    | CHAMIALA                 | 7           | 7                              | 7                                  | 2.00              | 2.00             |
| 32    | TEHRI                    | TAPOVAN                  | 4           | 4                              | 4                                  | 1.13              | 1.13             |
| 4     | <b>TEHRI</b>             |                          | <b>72</b>   | <b>72</b>                      | <b>71</b>                          | <b>38.81</b>      | <b>37.27</b>     |
| 33    | DEHRADUN                 | VIKAS NAGAR              | 11          | 11                             | 11                                 | 13.10             | 13.10            |
| 34    | DEHRADUN                 | HERBERTPUR               | 9           | 9                              | 9                                  | 6.77              | 6.77             |
| 35    | DEHRADUN                 | MUSSOORIE                | 13          | 13                             | 13                                 | 17.45             | 17.45            |
| 36    | DEHRADUN                 | DEHRADUN                 | 100         | 100                            | 100                                | 493.16            | 493.16           |
| 37    | DEHRADUN                 | DOIWALA                  | 20          | 20                             | 20                                 | 17.01             | 17.01            |
| 38    | DEHRADUN                 | RISHIKESH                | 40          | 40                             | 40                                 | 72.58             | 72.58            |
| 39    | DEHRADUN                 | SELAQUI (CENTRAL HOPETOV | 9           | 9                              | 1                                  | 13.55             | 13.55            |
| 5     | <b>DEHRADUN</b>          |                          | <b>202</b>  | <b>202</b>                     | <b>194</b>                         | <b>633.61</b>     | <b>633.61</b>    |
| 40    | PAURI GARHWAL            | SRINAGAR                 | 13          | 13                             | 13                                 | 24.19             | 24.16            |
| 41    | PAURI GARHWAL            | PAURI                    | 11          | 11                             | 11                                 | 14.52             | 0.71             |
| 42    | PAURI GARHWAL            | DOGADDA                  | 4           | 4                              | 4                                  | 0.97              | 0.44             |
| 43    | PAURI GARHWAL            | KOTDWARA                 | 40          | 40                             | 40                                 | 47.16             | 47.16            |
| 44    | PAURI GARHWAL            | SWARGASHRAM              | 4           | 4                              | 4                                  | 6.84              | 2.58             |
| 45    | PAURI GARHWAL            | SATPULI                  | 4           | 4                              | 4                                  | 1.30              | 1.30             |
| 46    | PAURI GARHWAL            | THALISAIN                | 4           | 4                              | 4                                  | 0.00              | 0.00             |
| 6     | <b>PAURI GARHWAL</b>     |                          | <b>80</b>   | <b>80</b>                      | <b>80</b>                          | <b>94.98</b>      | <b>76.35</b>     |
| 47    | PITHORAGARH              | DHARCHULA                | 7           | 7                              | 7                                  | 3.87              | 0.94             |
| 48    | PITHORAGARH              | DIDHAT                   | 7           | 7                              | 7                                  | 3.06              | 3.06             |
| 49    | PITHORAGARH              | PITHORAGARH              | 20          | 20                             | 20                                 | 22.26             | 22.26            |
| 50    | PITHORAGARH              | GANGOLIHAT               | 7           | 7                              | 7                                  | 0.19              | 0.19             |

(नील आदिल)

एम.आई.एस. विशेषज्ञ (स्टेड)

अमृत/एस.बी.एम.

|       |                  |                       |      |      |      |         |         |
|-------|------------------|-----------------------|------|------|------|---------|---------|
| 51    | PITHORAGARH      | BERINAG               | 7    | 7    | 7    | 1.45    | 1.45    |
| 7     | PITHORAGARH      |                       | 48   | 48   | 48   | 30.84   | 27.90   |
| 52    | BAGESHWAR        | BAGESHWAR             | 11   | 11   | 11   | 7.50    | 6.00    |
| 53    | BAGESHWAR        | KAPKOT                | 7    | 7    | 7    | 1.00    | 1.00    |
| 54    | BAGESHWAR        | GARUD                 | 7    | 7    | 7    | 1.45    | 1.45    |
| 8     | BAGESHWAR        |                       | 25   | 25   | 25   | 9.95    | 8.45    |
| 55    | ALMORA           | DWARHAT               | 4    | 4    | 4    | 0.60    | 0.60    |
| 56    | ALMORA           | ALMORA                | 13   | 13   | 13   | 10.18   | 10.00   |
| 57    | ALMORA           | RANIKHET-CHIUYANAULA  | 7    | 7    | 7    | 3.39    | 0.48    |
| 58    | ALMORA           | BHIKASAIN             | 4    | 4    | 4    | 2.00    | 2.00    |
| 59    | ALMORA           | CHAWKHUTIYA           | 4    | 4    | 4    | 0.48    | 0.48    |
| 9     | ALMORA           |                       | 32   | 32   | 32   | 16.65   | 13.57   |
| 60    | CHAMPAWAT        | CHAMPAWAT             | 9    | 9    | 9    | 4.48    | 3.50    |
| 61    | CHAMPAWAT        | LOHAGHAT              | 7    | 7    | 7    | 2.42    | 2.42    |
| 62    | CHAMPAWAT        | TANAKPUR              | 11   | 11   | 11   | 2.77    | 0.52    |
| 63    | CHAMPAWAT        | BANBASA               | 7    | 7    | 7    | 1.49    | 1.00    |
| 10    | CHAMPAWAT        |                       | 34   | 34   | 34   | 11.17   | 7.43    |
| 64    | NAINITAL         | NAINITAL              | 15   | 15   | 15   | 13.16   | 13.16   |
| 65    | NAINITAL         | BHOWALI               | 7    | 7    | 7    | 2.00    | 2.00    |
| 66    | NAINITAL         | BHIMTAL               | 9    | 9    | 9    | 6.00    | 6.00    |
| 67    | NAINITAL         | HALDWANI              | 60   | 60   | 49   | 135.06  | 135.06  |
| 68    | NAINITAL         | RAMNAGAR_U            | 20   | 20   | 20   | 11.00   | 5.01    |
| 69    | NAINITAL         | KALADHUNGI            | 7    | 7    | 7    | 6.78    | 5.90    |
| 70    | NAINITAL         | LALKUAN               | 7    | 7    | 7    | 3.81    | 3.81    |
| 11    | NAINITAL         |                       | 125  | 125  | 114  | 177.81  | 170.94  |
| 71    | UDHAMSINGH NAGAR | KASHIPUR              | 40   | 40   | 40   | 59.58   | 59.28   |
| 72    | UDHAMSINGH NAGAR | MAHUA KHERAGANJ       | 9    | 9    | 9    | 3.23    | 3.23    |
| 73    | UDHAMSINGH NAGAR | MAHUADABRA            | 7    | 7    | 7    | 2.19    | 2.00    |
| 74    | UDHAMSINGH NAGAR | JASPUR                | 20   | 20   | 20   | 10.97   | 10.97   |
| 75    | UDHAMSINGH NAGAR | SULTANPUR_U           | 7    | 7    | 7    | 3.49    | 3.00    |
| 76    | UDHAMSINGH NAGAR | BAZPUR                | 13   | 13   | 13   | 9.74    | 7.64    |
| 77    | UDHAMSINGH NAGAR | KELA KHERA            | 9    | 9    | 9    | 4.35    | 0.46    |
| 78    | UDHAMSINGH NAGAR | RUDRAPUR              | 40   | 40   | 40   | 99.52   | 99.52   |
| 79    | UDHAMSINGH NAGAR | KICHHA                | 20   | 20   | 20   | 19.92   | 19.92   |
| 80    | UDHAMSINGH NAGAR | GADARPUR              | 11   | 11   | 11   | 5.50    | 5.50    |
| 81    | UDHAMSINGH NAGAR | DINESHPUR             | 9    | 9    | 9    | 2.54    | 1.80    |
| 82    | UDHAMSINGH NAGAR | SHAKTIGARH            | 7    | 7    | 7    | 1.19    | 1.19    |
| 83    | UDHAMSINGH NAGAR | SITARGANJ             | 13   | 13   | 13   | 14.19   | 15.00   |
| 84    | UDHAMSINGH NAGAR | KHATIMA               | 20   | 20   | 20   | 21.36   | 21.36   |
| 85    | UDHAMSINGH NAGAR | NANAKAMTTA            | 7    | 7    | 7    | 1.61    | 1.61    |
| 86    | UDHAMSINGH NAGAR | GULARBHOJ             | 7    | 7    | 7    | 2.24    | 2.24    |
| 87    | UDHAMSINGH NAGAR | NAGLA                 | 20   | 20   | 20   | 4.50    | 4.50    |
| 88    | UDHAMSINGH NAGAR | LALPUR                | 4    | 4    | 4    | 0.54    | 0.54    |
| 12    | UDHAMSINGH NAGAR |                       | 263  | 263  | 263  | 266.66  | 259.75  |
| 89    | HARDWAR          | ROORKEE (NN)          | 40   | 40   | 40   | 86.77   | 112.26  |
| 90    | HARDWAR          | JHABRERA              | 9    | 9    | 9    | 10.32   | 10.32   |
| 91    | HARDWAR          | MANGLAUR              | 20   | 20   | 20   | 21.52   | 33.77   |
| 92    | HARDWAR          | LANDHAURA             | 9    | 9    | 9    | 7.77    | 7.77    |
| 93    | HARDWAR          | HARDWAR               | 60   | 60   | 60   | 158.42  | 158.42  |
| 94    | HARDWAR          | LAKSAR                | 11   | 11   | 11   | 16.90   | 16.90   |
| 95    | HARDWAR          | SHIVALIK NAGAR        | 13   | 13   | 13   | 9.60    | 9.60    |
| 96    | HARDWAR          | BHAGWANPUR            | 9    | 9    | 9    | 7.77    | 7.77    |
| 97    | HARDWAR          | PIRAN KALIYAR         | 9    | 9    | 9    | 0.00    | 0.00    |
| 98    | HARDWAR          | IMUKHEDA              | 9    | 9    | 3    | 5.16    | 0.00    |
| 99    | HARDWAR          | RAMPUR                | 11   | 11   | 0    | 3.50    | 0.00    |
| 100   | HARDWAR          | PADLI GUJJAR          | 11   | 0    | 0    | 3.00    | 0.00    |
| 101   | HARDWAR          | DHANDHERA             | 11   | 11   | 11   | 1.97    | 0.00    |
| 102   | HARDWAR          | SULTANPUR-ADAMPUR(NP) | 9    | 9    | 7    | 7.61    | 7.61    |
| 13    | HARDWAR          |                       | 231  | 220  | 201  | 340.32  | 364.43  |
| TOTAL |                  |                       | 1242 | 1231 | 1192 | 1660.98 | 1638.88 |

11/09/24  
(मौ. आदिल)  
एम.आई.एस. विशेषज्ञ (स्टेट)  
अमृत/एस.बी.एम.

### The Surface Water Quality of 09 polluted river stretches for the month of August, 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                           | 15-08-2024    | US     | Dhella Bridge, Kashipur, Bheljudi | 29°13'12" N<br>78°56'42" E   | 7.80 | 6.6       | 2.2        | 12         | 358        | 194        | 34         | 280                          | 240                           |
|        |                                  | 15-08-2024    | DS     | Gehruwala Village Pratappur       | 29°08'30" N<br>78°05'20" E   | 7.14 | 1.2       | 38         | 192        | 848        | 514        | 70         | 1600                         | 540                           |
| 2      | Bhella                           | 15-08-2024    | US     | Bahella Bridge, Kashipur          | 29°16'43" N<br>79°01'19" E   | 7.11 | 6.5       | 2.0        | 12         | 306        | 186        | 26         | 350                          | 240                           |
|        |                                  | 15-08-2024    | DS     | Bahella River rajpura tanda       | 29°07'45" N<br>78°59'03" E   | 6.50 | 1.8       | 26         | 160        | 684        | 414        | 64         | 1700                         | 1400                          |
| 3      | Kichha                           | 14-08-2024    | US     | Main Road Kichha                  | 28°57'43" N<br>79°32'17" E   | 7.31 | 7.4       | 2.2        | 8.0        | 224        | 138        | 28         | 920                          | 540                           |
|        |                                  | 14-08-2024    | DS     | Kichha Bridge                     | 29°52'59" N<br>79°30'56" E   | 7.45 | 6.0       | 4.2        | 44         | 368        | 224        | 46         | 1600                         | 920                           |
| 4      | Suswa                            | 17-08-2024    | US     | Mothrawala                        | 30°13'59" N<br>78°01'48" E   | 7.47 | 2.6       | 25.0       | 90         | 389        | 258        | -          | 22×10 <sup>2</sup>           | 14×10 <sup>2</sup>            |
|        |                                  | 17-08-2024    | DS     | Barafutta                         | 30°8'19.9" N<br>78°7'49.8" E | 7.19 | 5.8       | 2.6        | 8          | 334        | 221        | -          | 280                          | 220                           |
| 5      | Kalyani                          | 14-08-2024    | US     | Pantnagar Ind. Area Rudrapur      | 29°01'44" N<br>79°24'28" E   | 7.49 | 5.2       | 3.0        | 24         | 384        | 235        | 34         | 350                          | 280                           |
|        |                                  | 14-08-2024    | DS     | Rampura ground Rudrapur           | 28°57'52" N<br>79°24'08" E   | 6.94 | 0.8       | 45         | 224        | 832        | 498        | 176        | 2100                         | 1700                          |
| 6      | Kosi                             | 15-08-2024    | US     | Bajpur bridge Sultanpur patti     | 28°09'32" N<br>79°02'19" E   | 7.51 | 7.4       | 2.1        | 12.0       | 260        | 158        | 28         | 350                          | 280                           |
|        |                                  | 15-08-2024    | DS     | Bypass bridge pattikalan          | 29°04'31" N<br>79°02'24" E   | 7.70 | 7.1       | 2.5        | 24.0       | 294        | 178        | 44         | 1700                         | 1100                          |
| 7      | Pilakhar                         | 15-08-2024    | US     | Bajpur                            | 29°10'21" N<br>79°08'44" E   | 7.55 | 4.4       | 3.6        | 28         | 734        | 446        | 56         | 540                          | 430                           |
|        |                                  | 15-08-2024    | DS     | Rampur (U.P.)                     | 29°12'12" N<br>78°58'42" E   | 7.46 | 2.1       | 24         | 148        | 920        | 558        | 76         | 1600                         | 920                           |
| 8      | Nandhour                         | 14-08-2024    | US     | Sitarganj                         | 29°04'36" N<br>79°41'36" E   | 7.91 | 8.0       | 1.8        | 12         | 228        | 139        | 26         | 920                          | 540                           |
|        |                                  | 14-08-2024    | DS     | Nandhor Bridge, Sitarganj         | 28°55'149" N<br>79°44'38" E  | 7.72 | 7.1       | 2.8        | 20         | 264        | 152        | 48         | 920                          | 540                           |
| 9      | Ganga                            | 09-08-2024    | US     | Bindughat Dudhiyaban              | 29.970608°N-<br>78.183854°E  | 7.28 | 7.8       | 2.2        | 9          | 326        | 208.6      | -          | 140                          | 94                            |
|        |                                  | 08-08-2024    | DS     | Sultanpur                         | 29.699043°N<br>-78.166559°E  | 7.25 | 7.6       | 2.6        | 12         | 265        | 169.6      | -          | 130                          | 79                            |

| <b>Status of release of E-flow as per MoWR, RD&amp;GR order dated 09.10.2018 from the Hydro projects (&gt; 25 MW)<br/> situated in the river/tributary of Ganga river basin in the State of Uttarakhand<br/> (August 2024)</b>                                                                                                                  |                                           |                        |               |             |                  |                                                                             |                                  |                                   |                          |                      |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|------------------------|---------------|-------------|------------------|-----------------------------------------------------------------------------|----------------------------------|-----------------------------------|--------------------------|----------------------|---------------------------------------------------------------------|
| S.No.                                                                                                                                                                                                                                                                                                                                           | Name of Hydro Power Project               | Capacity (MW)          | District      | Developer   | Season           | Months                                                                      | Average E-flow Mandated (cumecs) | Compliance of e-flow notification |                          |                      |                                                                     |
|                                                                                                                                                                                                                                                                                                                                                 |                                           |                        |               |             |                  |                                                                             |                                  | Average River Discharge (Cumecs)  | E-Flow Released (Cumecs) | % of E-Flow released | Remark                                                              |
| 1                                                                                                                                                                                                                                                                                                                                               | Vishnuprayag HEP                          | 400                    | Chamoli       | J.P venture | High Flow Season | Aug-24                                                                      | 28.88                            | 135.96                            | 87.59                    | 64.42%               | As per the information recieved from Central Water Commission (CWC) |
| 2                                                                                                                                                                                                                                                                                                                                               | Srinagar HEP                              | 330                    | Pauri Garhwal | GVK         | High Flow Season | Aug-24                                                                      | 322.74                           | 1275.64                           | 759.57                   | 59.54%               |                                                                     |
| 3                                                                                                                                                                                                                                                                                                                                               | Singoli Bhatwari HEP                      | 99                     | Rudraprayag   | L&T         | High Flow Season | Aug-24                                                                      | 33.79                            | 350.99                            | 306.63                   | 87.36%               |                                                                     |
| 4                                                                                                                                                                                                                                                                                                                                               | (Tehri Dam + Koteswar Dam)                | (1000 + 400)           | Tehri         | THDCIL      | High Flow Season | Aug-24                                                                      | 162.38                           | 764.53                            | 380.09                   | 49.72%               |                                                                     |
| 5                                                                                                                                                                                                                                                                                                                                               | Tiloth Power Station (Maneri Dam)         | 3 x 30 = 90            | Uttarkashi    | UJVNL       | High Flow Season | Aug-24                                                                      | 73.38                            | 347.07                            | 285.42                   | 82.24%               | As per the information received from UJVNL                          |
| 6                                                                                                                                                                                                                                                                                                                                               | Dharasu Power Station (Joshiyara Barrage) | 4 x 76 = 304           | Uttarkashi    | UJVNL       | High Flow Season | Aug-24                                                                      | 115.31                           | 449.65                            | 269.39                   | 59.91%               |                                                                     |
| 7                                                                                                                                                                                                                                                                                                                                               | Chilla Power Station                      | 4 x 36 = 144           | Pauri Garhwal | UJVNL       | High Flow Season | Aug-24                                                                      | 326.17                           | 2461.98                           | 1953.87                  | 79.36%               |                                                                     |
| <b>Note - As per MOWR GD&amp;RR order dated 10.10.2018 and 14.09.2019, the following minimum environmental flows to be maintained at locations downstream of structures or projects for Upper Ganga River Basin Stretch starting from originating glaciers and through respective confluences finally meeting at Devaprayag up to Haridwar.</b> |                                           |                        |               |             |                  |                                                                             |                                  |                                   |                          |                      |                                                                     |
| Season                                                                                                                                                                                                                                                                                                                                          |                                           | Months                 |               |             |                  | % of Monthly Average flow observed during each of preceding 10-daily period |                                  |                                   |                          |                      |                                                                     |
| Dry                                                                                                                                                                                                                                                                                                                                             |                                           | November to March      |               |             |                  | 20                                                                          |                                  |                                   |                          |                      |                                                                     |
| Lean                                                                                                                                                                                                                                                                                                                                            |                                           | October, April and May |               |             |                  | 25                                                                          |                                  |                                   |                          |                      |                                                                     |
| High flow season                                                                                                                                                                                                                                                                                                                                |                                           | June to September      |               |             |                  | 30*                                                                         |                                  |                                   |                          |                      |                                                                     |
| <b>*30% of monthly flow of High flow season.</b>                                                                                                                                                                                                                                                                                                |                                           |                        |               |             |                  |                                                                             |                                  |                                   |                          |                      |                                                                     |

**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**  
**(August 2024)**

| S.No<br>. | Name of Hydro Power Project             | Capacity (MW) | District    | Developer | Months | E-Flow Norms*                                  | Compliance of e-flow notification |                          |                      |                                            |
|-----------|-----------------------------------------|---------------|-------------|-----------|--------|------------------------------------------------|-----------------------------------|--------------------------|----------------------|--------------------------------------------|
|           |                                         |               |             |           |        |                                                | Average lean season flow (Cumecs) | E-Flow Released (Cumecs) | % of E-Flow released | Remark                                     |
| 1         | Dhauliganga HEP                         | 280           | Pithoragarh | NHPC      | Aug-24 | <b>Minimum 15% of Average Lean Season flow</b> | 4.00                              | 60.48                    | 1512.00%             | As per the information received from NHPC  |
| 2         | Tanakpur                                | 120           | Champawat   | NHPC      | Aug-24 |                                                | 164.00                            | 1664.48                  | 1014.93%             |                                            |
| 3         | Naitwar Mori                            | 60            | Uttarkashi  | SJVNL     | Aug-24 |                                                | 18.58                             | 118.69                   | 638.81%              | As per the information received from SJVNL |
| 4         | Dakpathar Barrage (Dhalipur + Dhakrani) | (51 + 33.75)  | Dehradun    | UJVNL     | Aug-24 |                                                | 67.71                             | 443.42                   | 654.88%              | As per the information received from UJVNL |
| 5         | Kulhal                                  | 30            | Dehradun    | UJVNL     | Aug-24 |                                                | 13.03                             | 2.83                     | 21.72%               |                                            |
| 6         | Ichadi Dam (Chibro + Khodri)            | (240 + 120)   | Dehradun    | UJVNL     | Aug-24 |                                                | 72.46                             | 11.75                    | 16.22%               |                                            |
| 7         | Judo Dam (Vyasi )                       | 120           | Dehradun    | UJVNL     | Aug-24 |                                                | 169.13                            | 50.90                    | 30.10%               |                                            |

\* 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 (August 2024)**

| S.No. | Name of Hydro Power Project    | Capacity (MW) | District      | Developer               | Months | E-Flow Norms*                           | Compliance of e-flow notification |                          |                      |                                                                                                                                                                                                                                                  |
|-------|--------------------------------|---------------|---------------|-------------------------|--------|-----------------------------------------|-----------------------------------|--------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |                                |               |               |                         |        |                                         | Average lean season flow (Cumecs) | E-Flow Released (Cumecs) | % of E-Flow released | Remark                                                                                                                                                                                                                                           |
| 1     | Loharkhet                      | 4.8           | Bageshwar     | Parvatiya Power         | Aug-24 | Minimum 15% of Average Lean Season flow | 1.47                              | 2.65                     | 180.27%              | As per the information received from respective developer                                                                                                                                                                                        |
| 2     | Gangani                        | 8             | Uttarkashi    | Regency Gangani Energy  | Aug-24 |                                         | 5.10                              | 10.84                    | 212.55%              |                                                                                                                                                                                                                                                  |
| 3     | Badyar                         | 4.9           | Uttarkashi    | Regency Yamuna Energy   | Aug-24 |                                         | 1.30                              | 6.08                     | 467.69%              |                                                                                                                                                                                                                                                  |
| 4     | Sarju-II                       | 0             | Bageshwar     | Uttar Bharat Hydro      | Aug-24 |                                         | -                                 | -                        | -                    | Developer submitted that measuremet not possible due to high discharge in the river. However release of eflow discharhge is more than 15%                                                                                                        |
| 5     | Sarju-III                      | 10.5          | Bageshwar     | Uttar Bharat Hydro      | Aug-24 |                                         | -                                 | -                        | -                    |                                                                                                                                                                                                                                                  |
| 6     | Motighat                       | 5             | Pithoragarh   | Himalya Hydro (P) Ltd.  | Aug-24 |                                         | 3.04                              | 10.00                    | 328.95%              | As per the information received from respective developer                                                                                                                                                                                        |
| 7     | Tanga                          | 5             | Pithoragarh   | Himalya Hydro (P) Ltd.  | Aug-24 |                                         | 3.04                              | 10.00                    | 328.95%              |                                                                                                                                                                                                                                                  |
| 8     | Galogi SHP                     | 3.5 MW        | Dehradun      | UJVNL                   | Aug-24 |                                         | 0.45                              | 0.09                     | 20.00%               | As per the information received from UJVNL                                                                                                                                                                                                       |
| 9     | Ram Prasad Nautiyal, Dunao SHP | 1.5 MW        | Pauri Garhwal | UJVNL                   | Aug-24 |                                         | 10.77                             | 8.93                     | 82.92%               |                                                                                                                                                                                                                                                  |
| 10    | Rajwakti                       | 3.6           | Chamoli       | Him Urja                | Aug-24 |                                         | 64.90                             | 58.27                    | 89.78%               | As per the information received from respective developer                                                                                                                                                                                        |
| 11    | Vanala                         | 15            | Chamoli       | Him Urja                | Aug-24 |                                         | 51.12                             | 41.86                    | 81.89%               |                                                                                                                                                                                                                                                  |
| 12    | Debal                          | 5             | Chamoli       | Chamoli Hydro           | Aug-24 |                                         | 2.50                              | 9.10                     | 364.00%              |                                                                                                                                                                                                                                                  |
| 13    | Agunda Thati                   | 3             | Tehri         | Gunsola Hydro           | Aug-24 |                                         | -                                 | -                        | -                    | Developer submitted that river water is not diverted for generation as plant is completely shut down in August 2024 due to flood occurs in project site. However total river inflow discharge ramining same in river as a e-flow (more than 15%) |
| 14    | Bhilangana                     | 22.5          | Tehri         | Swasti Power            | Aug-24 |                                         | -                                 | -                        | -                    | Eflow data for the month of August 2024 is not submitted yet by the developer                                                                                                                                                                    |
| 15    | Bhilangana- III                | 24            | Tehri         | Bhilangna Hydro Power   | Aug-24 |                                         | 36.18                             | 98.00                    | 270.87%              | As per the information received from respective developer                                                                                                                                                                                        |
| 16    | Birahiganga                    | 7.2           | Chamoli       | Birahiganga Hydro Power | Aug-24 |                                         | 2.70                              | 15.05                    | 557.41%              |                                                                                                                                                                                                                                                  |
| 17    | Pilangad SHP                   | 2.25          | Uttarkashi    | UJVNL                   | Aug-24 |                                         | 6.61                              | 6.46                     | 97.73%               | As per the information received from UJVNL                                                                                                                                                                                                       |
| 18    | Urgam SHP                      | 3             | Chamoli       | UJVNL                   | Aug-24 |                                         | 13.00                             | 13.00                    | 100.00%              |                                                                                                                                                                                                                                                  |
| 19    | Kaliganga -I SHP               | 4             | Rudraprayag   | UJVNL                   | Aug-24 |                                         | 6.00                              | 3.01                     | 50.17%               |                                                                                                                                                                                                                                                  |
| 20    | Kaliganga -II SHP              | 4.5           | Rudraprayag   | UJVNL                   | Aug-24 |                                         | 10.44                             | 3.15                     | 30.17%               |                                                                                                                                                                                                                                                  |
| 21    | Suringad-II                    | 5             | Pithoragarh   | UJVNL                   | Aug-24 |                                         | 15.68                             | 15.68                    | 100.00%              |                                                                                                                                                                                                                                                  |
| 22    | Madhyamaheshwar                | 15            | Rudraprayag   | UJVNL                   | Aug-24 |                                         | 20.00                             | 10.00                    | 50.00%               |                                                                                                                                                                                                                                                  |

\* 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 August 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 | COD | Fecal Coliform |
| District - Chamoli |                                                                                            |                |     |     |                                                                                                                                                                                                      |      |     |     |                |
| 1                  | 0.010 MLD STP Near Temple at Badrinath. (Operated by: Uttarakhand Jal Sansthan)            | 6.75           | 190 | 197 | 6.88                                                                                                                                                                                                 | 175  | 170 | 450 | >1600          |
| 2                  | 0.26 MLD STP Near Bamni Gaon, Badrinath. (Operated by: Uttarakhand Jal Sansthan)           | 6.92           | 180 | 185 | STP found Non-operational because Inlet /Raw effluent of the STP is connected to 1.0 MLD STP Near Suspension Bridge, Badrinath due to non-operation of this plant. (Date of Inspection: 29-08-2024). |      |     |     |                |
| 3                  | 1.0 MLD STP Near Suspension Bridge, Badrinath. (Operated by: Uttarakhand Jal Sansthan).    | 6.63           | 195 | 203 | 7.37                                                                                                                                                                                                 | 10.0 | 14  | 50  | 220            |
| 4                  | 2.70 MLD STP at Marwari, Joshimath. (Operated by: Uttarakhand Peyjal Nigam)                | 7.11           | 95  | 97  | 7.78                                                                                                                                                                                                 | 9.2  | 12  | 40  | 140            |
| 5                  | 1.080 MLD STP at Pokhri, Joshimath. (Operated by: Uttarakhand Jal Sansthan)                | 6.90           | 110 | 114 | 7.53                                                                                                                                                                                                 | 9.6  | 11  | 50  | 170            |
| 6                  | 0.760 MLD STP Near Alaknanda Ghat, Chamoli. (Operated by: Uttarakhand Jal Sansthan)        | 6.58           | 160 | 166 | 7.36                                                                                                                                                                                                 | 12.4 | 17  | 50  | 920            |
| 7                  | 0.050 MLD STP Near old Suspension Bridge, Chamoli. (Operated by: Uttarakhand Jal Sansthan) | 6.71           | 155 | 160 | 7.24                                                                                                                                                                                                 | 10.4 | 14  | 50  | 430            |
| 8                  | 1.190 MLD STP at Vivekanand Colony, Gopeshwar.(Operated by: Uttarakhand Jal Sansthan)      | 7.23           | 150 | 155 | 7.82                                                                                                                                                                                                 | 9.2  | 11  | 40  | 170            |
| 9                  | 1.120 MLD STP at Baitarni, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)              | 6.75           | 155 | 161 | 7.55                                                                                                                                                                                                 | 10.0 | 12  | 50  | 240            |
| 10                 | 1.25 MLD STP at Pokhri Band, Gopeshwar. (Operated by: Uttarakhand Jal Sansthan)            | 6.90           | 150 | 155 | 7.67                                                                                                                                                                                                 | 9.2  | 10  | 40  | 280            |
| 11                 | 0.050 MLD STP at Sangam Road, Nandprayag. (Operated by: Uttarakhand Jal Sansthan)          | 7.30           | 130 | 127 | 7.49                                                                                                                                                                                                 | 8.8  | 09  | 30  | 110            |
| 12                 | 0.100 MLD STP at Forest Office, Nandprayag. (Operated by: Uttarakhand Jal Sansthan)        | 7.22           | 110 | 105 | 7.80                                                                                                                                                                                                 | 9.2  | 10  | 40  | 170            |
| 13                 | 0.050 MLD STP Near Police Chowki, Karanprayag. (Operated by: Uttarakhand Jal Sansthan)     | 7.10           | 100 | 96  | 7.59                                                                                                                                                                                                 | 9.6  | 10  | 40  | 170            |

*(Handwritten signatures)*



CENTRAL LABORATORY

| S.No.                           | Name of the Sewage Treatment Plant (With Capacity )                                                     | Sampling Point                                |     |     |                                                                                                                                                                                   |      |     |     |                |
|---------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----|-----|----------------|
|                                 |                                                                                                         | Inlet of STP                                  |     |     | Outlet of STP                                                                                                                                                                     |      |     |     |                |
|                                 |                                                                                                         | pH                                            | BOD | TSS | pH                                                                                                                                                                                | BOD  | TSS | COD | Fecal Coliform |
| 14                              | 0.100 MLD STP Near Purana Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)                    | 6.81                                          | 160 | 165 | 7.41                                                                                                                                                                              | 10.0 | 13  | 40  | 280            |
| 15                              | 0.100 MLD STP at Ward no. 1&3, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)                     | 6.90                                          | 120 | 123 | 7.59                                                                                                                                                                              | 10.0 | 12  | 50  | 280            |
| 16                              | 0.050 MLD STP at Subhash Nagar, Karanprayag. (Operated by: Uttarakhand Jal Sansthan)                    | 7.30                                          | 125 | 123 | 7.86                                                                                                                                                                              | 8.4  | 10  | 30  | 140            |
| 17                              | 0.050 MLD STP Near Naya Pull, Karanprayag. (Operated by: Uttarakhand Peyjal Nigam)                      | 7.22                                          | 140 | 144 | 7.65                                                                                                                                                                              | 9.2  | 10  | 40  | 170            |
| <b>District - Rudraprayag</b>   |                                                                                                         |                                               |     |     |                                                                                                                                                                                   |      |     |     |                |
| 18                              | 0.075 MLD STP Near Anoop Negi School, Rudraprayag. (Operated by: Uttarakhand Jal Sansthan)              | STP is not in operation due to Damage of STP. |     |     |                                                                                                                                                                                   |      |     |     |                |
| 19                              | 0.100 MLD STP, Near Rudra Complex, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)                 | 7.14                                          | 120 | 117 | 7.32                                                                                                                                                                              | 10.8 | 12  | 50  | 350            |
|                                 |                                                                                                         |                                               |     |     | STP was operational but due to excess overflow untreated effluent was found discharging directly into Alaknanda River. (Date of Inspection: 29-08-2024).                          |      |     |     |                |
| 20                              | 0.075 MLD STP, Near Bus Stand, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)                     | 6.89                                          | 115 | 113 | 7.19                                                                                                                                                                              | 9.6  | 10  | 40  | 170            |
|                                 |                                                                                                         |                                               |     |     | STP was operational but due to overflow untreated effluent was found discharging directly into Drain near plant which meets to Alaknanda River. (Date of Inspection: 29-08-2024). |      |     |     |                |
| 21                              | 0.100 MLD STP, Near SBI Bank, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)                      | 6.95                                          | 125 | 128 | 7.55                                                                                                                                                                              | 10.0 | 12  | 50  | 210            |
| 22                              | 0.125 MLD STP, Near Steel Bridge & Syndicate Bank, Rudraprayag. (Operated by: Uttarakhand Jal Sansthan) | 6.81                                          | 120 | 116 | 7.43                                                                                                                                                                              | 8.8  | 08  | 30  | 170            |
| 23                              | 0.050 MLD STP at Beleni Road, Near Steel Bridge, Rudraprayag. (Operated by: Uttarakhand Peyjal Nigam)   | 7.12                                          | 140 | 144 | 7.68                                                                                                                                                                              | 10.8 | 13  | 50  | 350            |
| <b>District – Pauri Garhwal</b> |                                                                                                         |                                               |     |     |                                                                                                                                                                                   |      |     |     |                |
| 24                              | 0.075 MLD STP Near Junior High School, Srikot, Srinagar. (Operated by: Uttarakhand Peyjal Nigam)        | 6.76                                          | 110 | 106 | 7.61                                                                                                                                                                              | 8.8  | 10  | 40  | 170            |
|                                 |                                                                                                         |                                               |     |     | STP was operational but due to overflow untreated effluent was found discharging into Alaknanda River. (Date of Inspection: 29-08-2024).                                          |      |     |     |                |

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CENTRAL LABORATORY

| S.No.                           | Name of the Sewage Treatment Plant (With Capacity )                                           | Sampling Point |     |     |               |      |     |     |                |
|---------------------------------|-----------------------------------------------------------------------------------------------|----------------|-----|-----|---------------|------|-----|-----|----------------|
|                                 |                                                                                               | Inlet of STP   |     |     | Outlet of STP |      |     |     |                |
|                                 |                                                                                               | pH             | BOD | TSS | pH            | BOD  | TSS | COD | Fecal Coliform |
| 25                              | 0.050 MLD STP Near Tauliya Nala, Srikot, Srinagar.<br>(Operated by: Uttarakhand Peyjal Nigam) | 7.22           | 105 | 102 | 7.80          | 8.4  | 10  | 30  | 110            |
| 26                              | 3.5 MLD STP at Nursary Road, Srinagar.<br>(Operated by: Uttarakhand Peyjal Nigam)             | 6.86           | 205 | 210 | 7.97          | 10.0 | 12  | 50  | 110            |
| 27                              | 1.0 MLD STP, Near ITI, Srinagar.<br>(Operated by: Uttarakhand Jal Sansthan)                   | 7.20           | 195 | 199 | 7.85          | 9.2  | 10  | 40  | 140            |
| 28                              | 3.0 MLD STP at Swargashram, Rishikesh.<br>(Operated by: Uttarakhand Jal Sansthan)             | 6.69           | 220 | 225 | 7.71          | 10.0 | 14  | 50  | 220            |
| <b>District – Tehri Garhwal</b> |                                                                                               |                |     |     |               |      |     |     |                |
| 29                              | 0.050 MLD STP, Near BRO Bridge, Kirtinagar.<br>(Operated by: Uttarakhand Jal Sansthan)        | 6.93           | 160 | 165 | 7.77          | 10.8 | 13  | 50  | 540            |
| 30                              | 0.010 MLD STP, Near Temple, Kirtinagar. (Operated by: Uttarakhand Jal Sansthan)               | 6.73           | 155 | 159 | 7.55          | 11.2 | 15  | 50  | 920            |
| 31                              | 0.075 MLD STP at Devprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                        | 7.24           | 160 | 164 | 7.66          | 10.0 | 12  | 50  | 350            |
| 32                              | 0.150 MLD STP at Devprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                        | 6.82           | 170 | 175 | 7.47          | 9.2  | 11  | 40  | 220            |
| 33                              | 1.4 MLD STP at Pauri Road, Devprayag.<br>(Operated by: Uttarakhand Jal Sansthan)              | 7.16           | 160 | 164 | 7.70          | 8.8  | 09  | 30  | 170            |
| 34                              | 5.0 MLD STP at Bhagirathi Puram, Tehri.<br>Operated by: Uttarakhand Jal Sansthan)             | 6.94           | 185 | 190 | 7.81          | 10.0 | 12  | 50  | 210            |
| 35                              | 5.0 MLD STP at Chorpani, Rishikesh.<br>(Operated by: Uttarakhand Peyjal Nigam)                | 7.10           | 195 | 198 | 7.69          | 9.2  | 10  | 40  | 94             |
| 36                              | 7.5 MLD STP at Chandreshwar Nagar, Rishikesh.<br>(Operated by: Uttarakhand Peyjal Nigam)      | 6.92           | 140 | 137 | 7.40          | 9.6  | 11  | 40  | 94             |
| 37                              | 3.5 MLD STP at Tapovan, Rishikesh. (Operated by: Uttarakhand Jal Sansthan)                    | 6.79           | 210 | 215 | 7.28          | 10.0 | 14  | 50  | 210            |
| <b>District - Uttarkashi</b>    |                                                                                               |                |     |     |               |      |     |     |                |
| 38                              | 2.0 MLD STP at Gyansu, Uttarkashi.<br>(Operated by: Uttarakhand Jal Sansthan)                 | 7.40           | 195 | 201 | 8.03          | 8.8  | 08  | 30  | 170            |

*P. Singh*

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CENTRAL LABORATORY

| S.No.                      | Name of the Sewage Treatment Plant (With Capacity )                                    | Sampling Point                                                                                                 |     |     |               |      |     |     |                |
|----------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|-----|-----|---------------|------|-----|-----|----------------|
|                            |                                                                                        | Inlet of STP                                                                                                   |     |     | Outlet of STP |      |     |     |                |
|                            |                                                                                        | pH                                                                                                             | BOD | TSS | pH            | BOD  | TSS | COD | Fecal Coliform |
| 39                         | 1.0 MLD STP at Gangotri, Distt- Uttarkashi.<br>(Operated by: Uttarakhand Jal Sansthan) | 6.80                                                                                                           | 170 | 178 | 7.91          | 10.0 | 13  | 50  | 1600           |
| <b>District - Dehradun</b> |                                                                                        |                                                                                                                |     |     |               |      |     |     |                |
| 40                         | 26 MLD STP at Lakkarghat, Rishikesh.<br>(Operated by: Uttarakhand Peyjal Nigam)        | 7.16                                                                                                           | 180 | 185 | 7.84          | 8.4  | 08  | 30  | 140            |
| 41                         | 20 MLD STP at Motharawala-I, Dehradun. (Operated by: Uttarakhand Jal Sansthan)         | 7.25                                                                                                           | 170 | 173 | 7.76          | 8.8  | 09  | 40  | 170            |
| 42                         | 20 MLD STP at Motharawala-II, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)     | 7.42                                                                                                           | 165 | 170 | 7.88          | 9.2  | 10  | 50  | 210            |
| 43                         | 68 MLD STP at Kargi, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)              | 7.11                                                                                                           | 170 | 175 | 7.63          | 9.6  | 12  | 50  | 170            |
| 44                         | 0.42 MLD STP at Vijay Colony, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)     | 7.30                                                                                                           | 165 | 172 | 7.71          | 9.2  | 10  | 40  | 110            |
| 45                         | 0.71 MLD STP Salawala, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)            | 7.46                                                                                                           | 180 | 186 | 7.91          | 9.6  | 10  | 50  | 210            |
| 46                         | 5.0 MLD STP at Indira Nagar, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)      | 7.22                                                                                                           | 165 | 170 | 7.80          | 10.0 | 12  | 50  | 210            |
| 47                         | 1.0 MLD STP at Jakhan, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)            | 7.37                                                                                                           | 165 | 169 | 7.58          | 8.8  | 08  | 30  | 140            |
| 48                         | 1.3 MLD STP at Landour (S), Mussoorie.<br>(Operated by: Uttarakhand Peyjal Nigam).     | STP found Non-operational because sewage line was damaged due to landslide. (Date of inspection: 13-08-2024 ). |     |     |               |      |     |     |                |
| 49                         | 3.12 MLD STP at Bhatta fall, Mussoorie.<br>(Operated by: Uttarakhand Jal Sansthan)     | 7.25                                                                                                           | 150 | 155 | 7.68          | 8.8  | 09  | 30  | 140            |
| 50                         | 0.8 MLD STP at Landour (N), Mussoorie. (Operated by: Uttarakhand Jal Sansthan)         | 6.97                                                                                                           | 175 | 178 | 7.50          | 10.0 | 12  | 50  | 170            |
| 51                         | 1.2 MLD STP at Happy Valley, Mussoorie. (Operated by: Uttarakhand Jal Sansthan)        | 7.31                                                                                                           | 165 | 171 | 7.88          | 10.0 | 13  | 50  | 350            |
| 52                         | 0.9 MLD STP at Kurli Bazaar, Mussoorie.<br>(Operated by: Uttarakhand Jal Sansthan)     | 7.13                                                                                                           | 180 | 184 | 7.94          | 9.2  | 10  | 40  | 170            |

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CENTRAL LABORATORY

| S.No.               | Name of the Sewage Treatment Plant (With Capacity )                                               | Sampling Point |     |     |               |      |     |     |                |
|---------------------|---------------------------------------------------------------------------------------------------|----------------|-----|-----|---------------|------|-----|-----|----------------|
|                     |                                                                                                   | Inlet of STP   |     |     | Outlet of STP |      |     |     |                |
|                     |                                                                                                   | pH             | BOD | TSS | pH            | BOD  | TSS | COD | Fecal Coliform |
| District - Haridwar |                                                                                                   |                |     |     |               |      |     |     |                |
| 53                  | 27 MLD STP at Jagjeetpur, Haridwar.<br>(Operated by: Uttarakhand Jal Sansthan)                    | 7.24           | 155 | 120 | 7.45          | 9.6  | 10  | 40  | 110            |
| 54                  | 18 MLD STP at Jagjeetpur, Haridwar.<br>(Operated by: Uttarakhand Jal Sansthan)                    | 7.12           | 145 | 140 | 7.46          | 8.4  | 09  | 30  | 110            |
| 55                  | 68 MLD STP at Jagjeetpur, Haridwar.<br>(Operated by: Uttarakhand Peyjal Nigam)                    | 7.02           | 160 | 130 | 7.37          | 8.8  | 10  | 40  | 140            |
| 56                  | 18 MLD STP at Sarai, Haridwar.<br>(Operated by: Uttarakhand Jal Sansthan)                         | 7.09           | 140 | 110 | 7.46          | 9.2  | 09  | 40  | 170            |
| 57                  | 14 MLD STP at Sarai, Haridwar.<br>(Operated by: Uttarakhand Peyjal Nigam)                         | 7.16           | 155 | 160 | 7.30          | 10.0 | 10  | 50  | 120            |
| 58                  | 33 MLD STP at Saliyar, Roorkee, Haridwar.<br>(Operated by: Uttarakhand Jal Sansthan)              | 7.21           | 165 | 180 | 7.49          | 9.6  | 10  | 40  | 280            |
| District - Nainital |                                                                                                   |                |     |     |               |      |     |     |                |
| 59                  | 0.45 MLD STP at Hari Nagar, Distt-Nainital.<br>(Operated by: Uttarakhand Jal Sansthan)            | 6.91           | 175 | 220 | 7.85          | 24.0 | 32  | 110 | 280            |
| 60                  | 0.80 MLD STP at Krishnapur, Distt-Nainital.<br>(Operated by: Uttarakhand Jal Sansthan)            | 6.69           | 190 | 232 | 7.32          | 22.0 | 27  | 80  | 170            |
| 61                  | 1.25 MLD STP at Bheemtal, Distt-Nainital.<br>(Operated by: Uttarakhand Jal Sansthan)              | 6.52           | 210 | 264 | 7.20          | 20.0 | 26  | 70  | 94             |
| 62                  | 1.5 MLD STP at Puchdi, Ramnagar, Nainital.<br>(Operated by: Uttarakhand Jal Sansthan)             | 6.73           | 130 | 160 | 7.36          | 7.0  | 09  | 30  | 79             |
| 63                  | 7.0 MLD STP Transport Nagar, Ramnagar, Distt-Nainital.<br>(Operated by: Uttarakhand Jal Sansthan) | 6.98           | 148 | 184 | 7.59          | 9.0  | 10  | 40  | 94             |
| 64                  | 0.45 MLD STP Narayan Nagar , Distt- Nainital .<br>(Operated by: Uttarakhand Jal Sansthan)         | 6.61           | 220 | 276 | 7.25          | 12.0 | 15  | 40  | 110            |
| 65                  | 28 MLD STP, Indra Nagar, Haldwani Distt- Nainital .<br>(Operated by: Uttarakhand Peyjal Nigam)    | 6.78           | 200 | 244 | 7.44          | 16.0 | 22  | 60  | 280            |

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CENTRAL LABORATORY

| S.No.                                                                    | Name of the Sewage Treatment Plant (With Capacity )                                  | Sampling Point                                                               |     |     |               |      |      |     |                |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------|-----|-----|---------------|------|------|-----|----------------|
|                                                                          |                                                                                      | Inlet of STP                                                                 |     |     | Outlet of STP |      |      |     |                |
|                                                                          |                                                                                      | pH                                                                           | BOD | TSS | pH            | BOD  | TSS  | COD | Fecal Coliform |
| 66                                                                       | 10 MLD STP Rusi Pond , District-Nainital.                                            | New Sewage Treatment Plant (STP) of 17.5 MLD capacity is under construction. |     |     |               |      |      |     |                |
| District - Pithoragarh                                                   |                                                                                      |                                                                              |     |     |               |      |      |     |                |
| 67                                                                       | 1.25 MLD STP at Nirada, Distt-Pithoragarh.<br>Operated by: Uttarakhand Peyjal Nigam) | 6.90                                                                         | 180 | 224 | 7.63          | 16.0 | 20   | 50  | 110            |
| 68                                                                       | 5.0 MLD STP at Aincholi, Distt-Pithoragarh. (Operated by: Uttarakhand Peyjal Nigam)  | 6.65                                                                         | 155 | 192 | 7.51          | 14.0 | 17   | 50  | 210            |
| District - Almora                                                        |                                                                                      |                                                                              |     |     |               |      |      |     |                |
| 69                                                                       | 2.0 MLD STP Bakh, Almora, Distt-Almora.<br>(Operated by: Uttarakhand Jal Sansthan)   | 6.77                                                                         | 230 | 288 | 7.34          | 24.0 | 30   | 90  | 170            |
| Sewage Treatment final effluent standards (As Notified by MoEF&CC).      |                                                                                      |                                                                              |     |     | 6.5-9.0       | 30   | <100 | —   | <1000          |
| Sewage Treatment final effluent standards (As per NGT).                  |                                                                                      |                                                                              |     |     | 5.5-9.0       | 10   | 20   | 50  | 230            |
| Note: All values are in mg/l except pH, Fecal coliform (MPN Per 100 ml). |                                                                                      |                                                                              |     |     |               |      |      |     |                |

**NOTE:** From Serial No. 1 to 52 All the parameters are tested/analyzed by Central Laboratory, Dehradun while from Serial no. 53 to 69 all the parameters are tested/analyzed by Regional offices laboratories except Microbiological Parameter (Fecal Coliform) which is tested/analyzed by Central Laboratory, Dehradun.

*Pramod Bhandari*  
(Pramod Bhandari) 06/09/2024  
Jr. Lab Assistant

*Pradeep Chauhan*  
(Pradeep Chauhan)  
Lab Assistant

*S.S. Chauhan*  
(S.S. Chauhan)  
Asst. Scientific Officer