



**LIFE**  
Lifestyle For  
Environment



**HEAD OFFICE**  
**Uttarakhand Pollution Control Board**  
**"Gaura Devi Paryavaran Bhawan"**  
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Dehradun - January 03 2024

**E-MAIL / SPEED POST**

To,

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

**Sub.: Monthly Progress Report of November, 2023 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 November, 2023 along with Annexure 1 to 3 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**

  
**(S.K. Pattnaik)**  
**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.**

**November 2023**

**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 427.905 MLD treatment capacity                                                                                                                                                                                                                                                                                                                                                                                                          |                                 |                                   |
|                                                                                                 | <b>District</b>                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Installed capacity (MLD)</b> | <b>Capacity Utilization (MLD)</b> |
|                                                                                                 | Chamoli                                                                                                                                                                                                                                                                                                                                                                                                                                            | 9.92                            | 2.106                             |
|                                                                                                 | Rudraprayag                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.525                           | 0.47                              |
|                                                                                                 | Pauri                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7.625                           | 4.198                             |
|                                                                                                 | Tehri                                                                                                                                                                                                                                                                                                                                                                                                                                              | 22.685                          | 14.57                             |
|                                                                                                 | Uttarkashi                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3.00                            | 1.983                             |
|                                                                                                 | Haridwar                                                                                                                                                                                                                                                                                                                                                                                                                                           | 178.00                          | 151.00                            |
|                                                                                                 | Dehradun                                                                                                                                                                                                                                                                                                                                                                                                                                           | 148.45                          | 57.095                            |
|                                                                                                 | Nainital                                                                                                                                                                                                                                                                                                                                                                                                                                           | 49.45                           | 10.91                             |
|                                                                                                 | Almora                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2.00                            | 1.65                              |
|                                                                                                 | Pithoragarh                                                                                                                                                                                                                                                                                                                                                                                                                                        | 6.25                            | 1.80                              |
|                                                                                                 | <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>427.905</b>                  | <b>245.782</b>                    |
| Capacity Utilization of existing STPs                                                           | 245.782 MLD                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                 |                                   |
| MLD of sewage being treated through alternate technology                                        | 192.085 MLD Through Septic tank and Soak pit.                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |                                   |
| No. of Operational STPs                                                                         | 61 Nos.                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                 |                                   |
| No. of Non-Operational STPs                                                                     | 08 Nos.<br>(i) 0.010 MLD STP near Temple, Badrinath<br>(ii) 0.075 MLD STP near Anoop Negi School, Rudraprayag.<br>(iii) 10 MLD capacity Rusi Pond at Nainital.<br>(iv) 1.080 MLD STP at Pokhri, Joshimath, Chamoli<br>(v) 0.760 MLD STP near Chamoli Ghat, Chamoli<br>(vi) 0.050 MLD STP, near Old Suspension Bridge, Chamoli<br>(vii) 0.050 MLD STP at Sangam Road, Nandprayag<br>(viii) 0.050 MLD STP near BRO Bridge, Kirtinagar, Tehri Garhwal |                                 |                                   |
| No. of Complying STP's<br>(Out of 61 Operational STPs monitored in the month of November, 2023) | <ul style="list-style-type: none"> <li>▪ As per standards notified by MoEF&amp; CC: <b>61</b></li> <li>▪ As per standards prescribed by the Hon'ble NGT order dated 30.04.2019: <b>45</b></li> </ul>                                                                                                                                                                                                                                               |                                 |                                   |

| No. of non-complying STP's<br>(Out of 61 Operational STPs monitored in the month of November, 2023) |         |               |               | <div><div>▪ As per standards notified by MoEF&amp;CC: <b>00</b></div><div>▪ As per standards prescribed by the Hon'ble NGT order dated 30.04.2019: <b>16</b></div></div> |               |                              |                               |
|-----------------------------------------------------------------------------------------------------|---------|---------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------|-------------------------------|
| <b>Standards:</b>                                                                                   |         |               |               |                                                                                                                                                                          |               |                              |                               |
| 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 November, 2023:**

| No. | Location                                                                                     | Existing STP Capacity (MLD) | Capacity Being Utilized (MLD) | Operational Status of STP | Compliance Status of STPs                                                                                                                                                                                     |                                            |
|-----|----------------------------------------------------------------------------------------------|-----------------------------|-------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
|     |                                                                                              |                             |                               |                           | As per MoEF& CC notified Standards                                                                                                                                                                            | As per Standards prescribed by Hon'ble NGT |
| 1.  | Badrinath (Bamni Gaon)<br>Distt.- Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)         | 0.26                        | 0.050                         | Operational               | Complying                                                                                                                                                                                                     | Complying                                  |
| 2.  | Badrinath (Near Temple)<br>Distt.- Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)        | 0.01                        | 0.005                         | Non - Operational         | As the area around the STP comes under Master Plan so the demolition of structure work around the STP was in progress and the STP was non-operation due to the same reason. (Date of inspection: 17-10-2023). |                                            |
| 3.  | Badrinath (Near suspension Bridge) Distt. Chamoli<br>(Operated by: Uttarakhand Jal Sansthan) | 1.00                        | 0.200                         | Operational               | Complying                                                                                                                                                                                                     | Complying                                  |
| 4.  | Joshimath (Pokhri)<br>Distt.-Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)              | 1.08                        | 0.421                         | Non-Operational           | STP found non-operational at the time of inspection, as no effluent was reaching the plant. Date of inspection – 06.11.2023                                                                                   |                                            |
| 5.  | Chamoli Ghat<br>Distt.-Chamoli<br>(Operated by: Uttarakhand Jal Sansthan)                    | 0.76                        | 0.05                          | Non-Operational           | STP found closed and non-operational at the time of inspection, Date of inspection – 16.11.2023                                                                                                               |                                            |
| 6.  | Chamoli (Near Suspension bridge) Distt. Chamoli                                              | 0.05                        | 0.010                         | Non - Operational         | STP found closed and Non-operational at the time of inspection. (Date of Inspection: 18-10-2023).                                                                                                             |                                            |

|     |                                                                                                                               |      |       |                      |                                                                                                             |                    |
|-----|-------------------------------------------------------------------------------------------------------------------------------|------|-------|----------------------|-------------------------------------------------------------------------------------------------------------|--------------------|
|     | <i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                                                                        |      |       |                      |                                                                                                             |                    |
| 7.  | Gopeshwar<br>(Vivekanand Colony)<br>Distt.-Chamoli<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                  | 1.19 | 0.50  | Operational          | Complying                                                                                                   | Complying          |
| 8.  | Baiterni, Gopeshwar<br>(DeenDayalUpadhayay<br>Park), Distt.-Chamoli<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i> | 1.12 | 0.075 | Operational          | Complying                                                                                                   | Complying          |
| 9.  | Gopeshwar (Pokhari<br>Band)<br>Distt.-Chamoli<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                       | 1.25 | 0.50  | Operational          | Complying                                                                                                   | Non -<br>Complying |
| 10. | Nandprayag (Sangam<br>Road)<br>Distt.-Chamoli<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                       | 0.05 | 0.015 | Non -<br>Operational | STP found closed and Non-<br>operational at the time of<br>inspection. (Date of Inspection:<br>17-11-2023). |                    |
| 11. | Nandprayag (Forest<br>office)<br>Distt.-Chamoli<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                     | 0.10 | 0.09  | Operational          | Complying                                                                                                   | Complying          |
| 12. | Karanprayag (Police<br>chowki)<br>Distt.-Chamoli<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                    | 0.05 | 0.05  | Operational          | Complying                                                                                                   | Complying          |
| 13. | Karanprayag (Purana<br>pull)<br>Distt.-Chamoli<br><i>(Operated by:<br/>Uttarakhand Peyjal<br/>Nigam)</i>                      | 0.10 | 0.08  | Operational          | Complying                                                                                                   | Complying          |
| 14. | Karanprayag (Ward no.<br>1&3)<br>Distt.-Chamoli<br><i>(Operated by:<br/>Uttarakhand Peyjal<br/>Nigam)</i>                     | 0.10 | 0.035 | Operational          | Complying                                                                                                   | Complying          |
| 15. | Karanprayag (Subhash<br>Nagar)<br>Distt.-Chamoli<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                    | 0.05 | 0.02  | Operational          | Complying                                                                                                   | Complying          |
| 16. | Karanprayag (Naya<br>Pull)<br>Distt.-Chamoli                                                                                  | 0.05 | 0.005 | Operational          | Complying                                                                                                   | Complying          |

|     |                                                                                                                     |       |       |                   |                                                                                                                                                                                                                                        |                 |
|-----|---------------------------------------------------------------------------------------------------------------------|-------|-------|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
|     | <i>(Operated by:<br/>Uttarakhand Peyjal<br/>Nigam)</i>                                                              |       |       |                   |                                                                                                                                                                                                                                        |                 |
| 17. | Rudraprayag (Near AnoopNegi School), Distt. – Rudraprayag<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i> | 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><i>(Operated by:<br/>Uttarakhand Peyjal<br/>Nigam)</i>      | 0.10  | 0.08  | Operational       | Complying                                                                                                                                                                                                                              | Complying       |
| 19. | Rudraprayag (Near Bus Stand) Distt.-Rudraprayag<br><i>(Operated by:<br/>Uttarakhand Peyjal<br/>Nigam)</i>           | 0.075 | 0.075 | Operational       | Complying                                                                                                                                                                                                                              | Complying       |
| 20. | Rudraprayag (Near SBI & Maszid), Distt-Rudraprayag<br><i>(Operated by:<br/>Uttarakhand Peyjal<br/>Nigam)</i>        | 0.10  | 0.090 | Operational       | Complying                                                                                                                                                                                                                              | Complying       |
| 21. | Rudraprayag (Near Steel Bridge), Distt- Rudraprayag<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>       | 0.125 | 0.125 | Operational       | Complying                                                                                                                                                                                                                              | Complying       |
| 22. | Rudraprayag (Belani) Distt-Rudraprayag<br><i>(Operated by:<br/>Uttarakhand Peyjal<br/>Nigam)</i>                    | 0.05  | 0.025 | Operational       | Complying                                                                                                                                                                                                                              | Complying       |
| 23. | Kirtinagar (BRO Bridge), Distt.- Tehri<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                    | 0.05  | 0.03  | Non - Operational | STP found Non – Operational due to Electricity issue. Date of Inspection 18.11.2023                                                                                                                                                    |                 |
| 24. | Kirtinagar (Near Temple), Distt- Tehri<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                    | 0.01  | 0.01  | Operational       | Complying                                                                                                                                                                                                                              | Non - Complying |
| 25. | Bhagirathipuram, Distt. -Tehri<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                            | 5.00  | 2.50  | Operational       | Complying                                                                                                                                                                                                                              | Complying       |
| 26. | Chorpani, Dhalwala, Distt.-Tehri                                                                                    | 5.00  | 4.20  | Operational       | Complying                                                                                                                                                                                                                              | Complying       |

|     |                                                                                                  |       |       |             |           |                    |
|-----|--------------------------------------------------------------------------------------------------|-------|-------|-------------|-----------|--------------------|
|     | (Operated by:<br>Uttarakhand Peyjal<br>Nigam)                                                    |       |       |             |           |                    |
| 27. | Chandreshwar Ghat,<br>Dhalwala,<br>Distt.-Tehri<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam) | 7.50  | 6.50  | Operational | Complying | Complying          |
| 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 | 0.04  | Operational | Complying | Complying          |
| 30. | Sangambazar,<br>Devprayag<br>Distt.-Tehri<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)       | 0.15  | 0.15  | 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 | Non -<br>Complying |
| 33. | Gangotri, Uttarkashi<br>Distt.-Uttarkashi<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)       | 1.00  | 0.20  | Operational | Complying | Non -<br>Complying |
| 34. | Nursery Road, Srinagar<br>Distt.-Pauri<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)          | 3.50  | 1.50  | 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  | 0.008 | Operational | Complying | Complying          |
| 37. | Near Junior High<br>School, Srikot,<br>Srinagar<br>Distt.- Pauri                                 | 0.075 | 0.070 | Operational | Complying | Complying          |

|     |                                                                                                          |       |       |             |           |                    |
|-----|----------------------------------------------------------------------------------------------------------|-------|-------|-------------|-----------|--------------------|
|     | <i>(Operated by:<br/>Uttarakhand Peyjal<br/>Nigam)</i>                                                   |       |       |             |           |                    |
| 38. | Swargashram,<br>Rishikesh,<br>Distt.-Pauri<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>     | 3.00  | 2.12  | Operational | Complying | Complying          |
| 39. | Lakkarghat, Rishikesh<br>Distt.-Dehradun<br><i>(Operated by:<br/>Uttarakhand Peyjal<br/>Nigam)</i>       | 26.00 | 12.30 | Operational | Complying | Complying          |
| 40. | Jagjeetpur, Haridwar<br>Distt.-Haridwar<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>        | 27.00 | 27.00 | Operational | Complying | Complying          |
| 41. | Jagjeetpur, Haridwar<br>Distt.-Haridwar<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>        | 18.00 | 18.00 | Operational | Complying | Complying          |
| 42. | Jagjeetpur, Haridwar<br>Distt.-Haridwar<br><i>(Operated by:<br/>Uttarakhand Peyjal<br/>Nigam)</i>        | 68.00 | 54.98 | Operational | Complying | Complying          |
| 43. | Sarai (I), Haridwar<br>Distt.-Haridwar<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>         | 18.00 | 18.00 | Operational | Complying | Complying          |
| 44. | Sarai (II), Haridwar<br>Distt.-Haridwar<br><i>(Operated by:<br/>Uttarakhand Peyjal<br/>Nigam)</i>        | 14.00 | 13.02 | Operational | Complying | Complying          |
| 45. | Saliyar, Roorkee<br>Distt.-Haridwar<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>            | 33.00 | 20.00 | Operational | Complying | Non -<br>Complying |
| 46. | Motharawala-I,<br>Dehradun<br>Distt.-Dehradun<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>  | 20.00 | 13.52 | Operational | Complying | Complying          |
| 47. | Motharawala-II,<br>Dehradun<br>Distt.-Dehradun<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i> | 20.00 | 11.00 | Operational | Complying | Non -<br>Complying |
| 48. | Kargi, Dehradun<br>Distt.-Dehradun<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>             | 68.00 | 13.00 | Operational | Complying | Complying          |
| 49. | Vijay Colony, Dehradun<br>Distt.-Dehradun                                                                | 0.42  | 0.30  | Operational | Complying | Complying          |

|     |                                                                                                           |      |       |             |           |                    |
|-----|-----------------------------------------------------------------------------------------------------------|------|-------|-------------|-----------|--------------------|
|     | <i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>                                                    |      |       |             |           |                    |
| 50. | Salawala, Dehradun<br>Distt.-Dehradun<br><i>(Operated by:<br/>Uttarakhand Jal<br/>Sansthan)</i>           | 0.72 | 0.35  | Operational | Complying | Complying          |
| 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:<br/>Uttarakhand Jal<br/>Sansthan)</i> | 1.30 | 0.10  | Operational | Complying | Non -<br>Complying |
| 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>(Operated by:<br>Uttarakhand Jal<br>Sansthan)                   | 2.00           | 1.65           | Operational         | Complying                                              | Non -<br>Complying |
| 62. | Roosi, Nainital, Distt.-<br>Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)            | 10.00          | 6.75           | Non-<br>Operational | New STP of 17.5 MLD capacity<br>is under construction. |                    |
| 63. | Ancholi, Pithoragarh<br>Distt.-Pithoragarh<br>(Operated by: Uttarakhand<br>Peyjal Nigam)         | 5.00           | 1.00           | Operational         | Complying                                              | Non -<br>Complying |
| 64. | Nirada, Pithoragarh<br>Distt. - Pithoragarh<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)     | 1.25           | 0.80           | Operational         | Complying                                              | Non-<br>Complying  |
| 65. | Transport Nagar<br>Ramnagar<br>Distt.- Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan) | 7.00           | 2.5            | Operational         | Complying                                              | Complying          |
| 66. | Ramnagar, Puchdi,<br>Distt.- Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)           | 1.50           | 0.15           | Operational         | Complying                                              | Complying          |
| 67. | Narayan Nagar,<br>Nainital<br>Distt. Nainital<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)   | 0.450          | -              | Operational         | Complying                                              | Non -<br>Complying |
| 68. | Marwari, Joshimath<br>Distt. -Chamoli<br>(Operated by:<br>Uttarakhand Jal<br>Sansthan)           | 2.70           | -              | Operational         | Complying                                              | Complying          |
| 69. | Haldwani<br>(Indira Nagar)<br>Distt. -Nainital<br>(Operated by:<br>Uttarakhand Peyjal<br>Nigam)  | 28.00          | -              | Operational         | Complying                                              | Non -<br>Complying |
|     | <b>Total</b>                                                                                     | <b>427.905</b> | <b>245.782</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 & D or<br>House sewer<br>connections | Completion<br>Timeline |
|------------|----------------------------|---------------------------------------|------------------------------|--------------------------------------------------|------------------------|
| 1.         | Kaulagarh Distt. -Dehradun | 3.00                                  | 96%                          | Sewer lines already laid                         | DOC-<br>Dec-23         |

| Sl. No. | Location                                                                               | Capacity of the plant in MLD | Physical progress in % | Status of I & D or House sewer connections                                                                   | Completion Timeline |
|---------|----------------------------------------------------------------------------------------|------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------|---------------------|
| 2.      | Kashipur Distt. -US Nagar                                                              | 18.00                        | 91%                    | -                                                                                                            | DOC-<br>Feb-2024    |
| 3.      | Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Dhella)               | 10.00                        | 75%                    |                                                                                                              | DOC-<br>06.01.2024  |
| 4.      | Mukhandpur, Kashipur, Distt. U.S. Nagar (Proposed under River Rejuvenation of Kosi)    | 0.50                         | 60%                    | (Boundary wall is in progress & Reactor Foundation completed)                                                | DOC-<br>06.01.2024  |
| 5.      | Gularia, Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Dhella)      | 0.30                         | 60%                    | (Boundary wall is in progress & Reactor Foundation completed)                                                | DOC-<br>06.01.2024  |
| 6.      | Jaspur Khurd, Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Bhella) | 1.00                         | 45%                    |                                                                                                              | DOC-<br>06.01.2024  |
| 7.      | Hempur Smile, Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Bhella) | 2.00                         | 10%                    | Administrative Building & HT Substation Building is in progress.                                             | DOC-<br>06.01.2024  |
| 8.      | Beljudi Kashipur Distt. U.S. Nagar (Proposed under River Rejuvenation of Dhella)       | 0.50                         | 20%                    | Boundary wall is in progress.                                                                                | DOC-<br>06.01.2024  |
| 9.      | Bazpur Distt. U.S. Nagar (Proposed under River Rejuvenation of Pilakhar)               | 10.00                        | 30%                    | Boundary wall, CCT, SBR & Sludge Handling Unit is in progress.                                               | DOC-<br>06.01.2024  |
| 10.     | Kichha, Rudrapur Distt. U.S. Nagar (Proposed under River Rejuvenation of Kichha)       | 3.00                         | 10%                    | Administrative Building & HT Substation Building is in progress. BEP Approved. Drawing/Design is in Progress | DOC-<br>06.01.2024  |
| 11.     | Sitarganj Distt. U.S. Nagar (Proposed under River Rejuvenation of Nandhour)            | 3.00                         | 10%                    | SBR is in progress. BEP Approved. Drawing/Design is in Progress.                                             | DOC-<br>06.01.2024  |
| 12.     | Arcadia Zone, Mussoorie Distt. Dehradn                                                 | 0.70                         | -                      | Work awarded. BEP / Structural drawing under preparation.                                                    | DOC 29-07-2024      |

| Sl. No. | Location                                       | Capacity of the plant in MLD | Physical progress in % | Status of I & D or House sewer connections                                                                                                             | Completion Timeline |
|---------|------------------------------------------------|------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 13.     | Library Zone, Mussoorie Distt. Dehradun        | 1.10                         | 15%                    | Site development work & Raw Sewage sump is in progress.                                                                                                | DOC 29-07-2024      |
| 14.     | Company Garden Zone Mussoorie, Distt. Dehradun | 0.70                         | 10%                    | Site development work is in progress                                                                                                                   | DOC 29-07-2024      |
| 15.     | Camel's Back Zone, Mussoorie, Distt. Dehradun  | 0.70                         | -                      | Work awarded and review of detail design is in progress.                                                                                               | DOC 29-07-2024      |
| 16.     | Dhobi Ghat Zone, Mussoorie, Distt. Dehradun    | 0.05                         | 50%                    | Chamber, Admin Building, Site Development work in progress.                                                                                            | DOC 29-07-2024      |
| 17.     | Rudraprayag Gaurikund Distt.                   | 0.20                         | -                      | Work awarded and BEP, under process                                                                                                                    | DOC 02-10-2024      |
| 18.     |                                                | 0.01                         | -                      | Work awarded and BEP, under process                                                                                                                    |                     |
| 19.     |                                                | 0.006                        | -                      | Work awarded and BEP, under process                                                                                                                    |                     |
| 20.     |                                                | 0.006                        | -                      | Work awarded and BEP, under process                                                                                                                    |                     |
| 21.     | Tilwada Distt. Rudraprayag                     | 0.10                         | -                      | Work awarded and BEP, under process                                                                                                                    |                     |
| 22.     | Pandeykhaula Distt. Almora                     | 1.50                         | 68%                    | Work of sewer network laying and house sewer connection is already awarded. Construction work is in progress and likely to be completed by March 2024. | Mar-24              |
| 23.     | Roosi Pond, Nainital Distt. Nainital           | 17.50                        |                        | Work awarded and review of detail design is in progress. <b>(ADB)</b>                                                                                  | DOC-07.05.2025      |
| 24.     | Nakronda, Dehradun, Distt. Dehradun            | 17.50                        | -                      | Work awarded and review of detail design is in progress. <b>(ADB)</b>                                                                                  |                     |

| Sl. No.   | Location                                       | Capacity of the plant in MLD | Physical progress in % | Status of I & D or House sewer connections                            | Completion Timeline |
|-----------|------------------------------------------------|------------------------------|------------------------|-----------------------------------------------------------------------|---------------------|
| 25.       | Daurwala, Dehradun, Distt. Dehradun            | 18.00                        | -                      | Work awarded and review of detail design is in progress. <b>(ADB)</b> | DOC-08.06.2025      |
| 26.       | Banjarawala Package -1                         | 11.00                        | -                      | Work awarded and review of detail design is in progress. <b>(ADB)</b> | DOC-16.06.2025      |
| 27.       | Muni ki Reti-Dhalwala, Rishikesh, Distt. Tehri | 8.00                         |                        | Contract bond executed and work started on 01-12-2023.                |                     |
| 28.       | Swargashram, Rishikesh Distt. Pauri            | 3.00                         |                        | Contract bond executed and work started on 01-12-2023                 |                     |
| 29.       | Neelkanth, Rishikesh Distt. Pauri              | 1.50                         |                        | Contract bond executed and work started on 01-12-2023                 |                     |
| <b>29</b> | <b>Total</b>                                   | <b>132.87</b>                |                        |                                                                       |                     |

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

| Sl. No. | Location                                                                  | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/Under Trending/Work to be Awarded)                    | Likely Date of Completion |
|---------|---------------------------------------------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------|---------------------------|
| 1.      | Khadri, Rishikesh Distt. Dehradun                                         | 5.00                                | Proposed under KfW                                                                    |                           |
| 2.      | Muni ki Reti-Dhalwala, Rishikesh, Distt. Tehri                            | 0.30                                | Bid submitted on 24-08-2023 and technical bid sent to NMCG for approval through SPMG. |                           |
| 3.      | Sapera Basti, Dehradun                                                    | 15.00                               | Land purchasing under processing. After land purchased LoA will issued.               |                           |
| 4.      | Rudrapur Distt. U.S. Nagar (Proposed under River Rejuvenation of Kalyani) | 0                                   | DPR is being prepared under Namami Gange programme                                    |                           |
| 5.      | Gyansu Distt. Uttarkashi                                                  | 4.00                                | DPR prepared and sent to State sector for fund allocation.                            |                           |
| 6.      | Shivalik Nagar, Distt. Haridwar                                           | 8.00                                | Proposed under KfW                                                                    |                           |
| 7.      | Kotdwar, Distt. Pauri                                                     | 21.00                               | Project sanctioned by NMCG & AA&ES issued on 05-12-2023 and under tendering.          |                           |
| 8.      | Haldwani Distt. Nainital                                                  | 10.50                               | DPR under Preparation <b>(ADB funded project).</b>                                    |                           |

| Sl. No.   | Location                                        | Capacity of the STP proposed in MLD | Status of Project (at DPR Stage/Under Trending/Work to be Awarded) | Likely Date of Completion |
|-----------|-------------------------------------------------|-------------------------------------|--------------------------------------------------------------------|---------------------------|
| 9.        | Haldwani, Nainital Septage Co-Treatment Plant   | 0.14                                | DPR under Preparation (ADB funded project).                        |                           |
| 10.       | Vikasnagar, Distt. Dehradun                     | 7.00                                | DPR under Preparation (ADB funded project).                        |                           |
| 11.       | Vikasnagar, Dehradun Septage Co-Treatment Plant | 0.01                                | DPR under Preparation (ADB funded project).                        |                           |
| <b>11</b> | <b>Total</b>                                    | <b>70.95</b>                        |                                                                    |                           |

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

### 3. DETAILS OF INDUSTRIAL POLLUTION:

|                                                                                      |                                                                                                                                                                                                                                                                                                       |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No. of industries in the State                                                       | 12,728<br>6,621 - Industrial Operation<br>6,107 - Non-Industrial Operation                                                                                                                                                                                                                            |
| No. of water polluting industries in the State                                       | 890                                                                                                                                                                                                                                                                                                   |
| Quantity of effluent generated from the industries in MLD                            | 111.1 MLD                                                                                                                                                                                                                                                                                             |
| Number of industrial units having ETPs                                               | 890                                                                                                                                                                                                                                                                                                   |
| Number and total capacity of ETPs (details of existing/ under construction/proposed) | 142.8 MLD                                                                                                                                                                                                                                                                                             |
| Compliance status of the ETPs                                                        | All are complying                                                                                                                                                                                                                                                                                     |
| Number and total capacity of CETPs (details of existing/under construction/proposed) | Existing: 03 CETPs of 13.2 MLD.<br><br>Under construction: Nil<br><b>Proposed CETP:</b><br>Sitarganj- (i) Proposed- 8 MLD (Package i,ii & iii in Module 2 MLD + 3 MLD+3 MLD )<br>Preparation of tender documents for establishing proposed CETP is under process with technical cooperation from GIZ. |

|                                                 |                                                                                                                                                                                                  |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Status of compliance and operation of the CETPs | <ul style="list-style-type: none"> <li>03 CETPs are operational and are complying with prescribed discharge norms as per monitoring conducted by UKPCB in the month of November 2023.</li> </ul> |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### Status of Operational CETPs:

| Industrial Estate         | No. of industries | Industrial discharge | Status of ETPs                                                                                                                                                                                                                                                                                                                                                                         | Status of CETPs (existing, under construction & proposed)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|-------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IIE, Ranipur, Haridwar    | 531               | 4.5 MLD              | All 530 units are connected to CETP. (01 industry M/s Hero Motocorp has its own ETP)                                                                                                                                                                                                                                                                                                   | (Capacity - 5.2 MLD).<br>Operational and complying                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| IIE, Pantnagar (US Nagar) | 499               | 2.0 MLD              | <ul style="list-style-type: none"> <li>For 474 no. units Conveyance system is available for 474 nos. of industrial Units. (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 vide its MOM dated 01-03-2021</li> </ul> | <p>CETP with 4.0 MLD</p> <p>UK Jal Nigam is an Implementing agency for the 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 G.M. SIIDCUL has directed the Implementing agency Peyjal Nigam in the meeting held on 08-07-2022, to prepare an estimate for remaining works and execute to the work after sanction, however Peyjal nigam has not submitted estimate till date. In this regard a letter has been sent by MD SIIDCUL to MD Peyjal Nigam vide letter no. 160/MD/SIIDCUL/2022 dated 31-12-2022 for compliance of the same. In this context a request letter is also sent to Additional Secretary Pey Jal Nigam Uttarakhand for necessary action. In this regard Chief Engineer Peyjal Nigam informed that Estimate of Rs.19.25 Cr. is prepared for said work and sent for T.A.C. to Secretary Planning, Govt. of Uttarakhand, vide Letter no.516 dated 28-08-2023.</p> |
| ESIP Sitarganj (US Nagar) | 75                | 2.0 MLD              | All units are connected to CETP.                                                                                                                                                                                                                                                                                                                                                       | <p>CETP with 4.0 MLD Capacity is operational and complying to the norms.</p> <p><b>Proposed –</b></p> <p>1. Sitarganj- (i) Proposed- 8 MLD (Package i,ii &amp; iii in Module 2+3+3 MLD )</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

|  |  |  |  |                                                                                                                                                                                                                                                                                                                                                                         |
|--|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  |  |  | <p><b>Note</b> - Based on review done by expert on techno economic feasibility it was concluded that majorly Industries related to Electronics and Aroma are being established in SIIDCUL Kashipur therefore CETP is not required. while in IIE Sitarganj Industrial area is under development so CETP shall be established after Development of Industrial estate.</p> |
|--|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

#### 4. SOLID WASTE MANAGEMENT:

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Total number of Urban Local Bodies and their Population                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 102 Urban Local Bodies (10 ULBs are newly added)<br>Population- 36,26,586                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Current Municipal Solid Waste Generation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1600.56 MTPD<br>ULB wise details in enclosed as <b>Annexure-1</b> .                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Current Municipal Solid Waste Processed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1458.71 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>▪ Two waste processing &amp; Sanitary Land Fill facilities (SLF) (Dehradun: 200 Ton/day &amp; Haridwar: 150 Ton/day capacity) are functional in the State.</li> <li>▪ Two waste processing &amp; SLF facility i.e., one at Rishikesh (covering 5 ULBs) and one in Haldwani (covering 7 ULBs), project approved, in Haldwani RFP has been revised and in Rishikesh agreement has been done with successful bidder, LoA issued and work initiated.</li> <li>▪ Total 38 Material Recovery Facility is functional having total capacity of 230 MTPD.</li> <li>▪ 630 NADEP are constructed and used for Wet Waste Processing.</li> <li>▪ 1053 Bulk Waste Generator are identified and wet waste is being processed by them on their premises.</li> <li>▪ 92 Aatm Nirbhar Wards are identified. Wet waste is being processed by them within wards and Dry waste is being processed by recycling/reusing through PWP.</li> <li>▪ <i>In NPP Muni-ki-Reti, a 5MTPD capacity Plastic to Plank system has been installed.</i></li> <li>▪ <i>Plastic Compactors- 73 Nos. (Operational).<br/>The total capacity of Plastic Compactor in ULBs is 365 Tonnes per day.</i></li> <li>▪ <i>Revenue generated from the plastic compactors is Rs. 4.49 Cr. till November, 2023 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%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>Two CSWTFs are operational at Haridwar and Dehradun with 100% utilization.</p> <p>Dehradun:<br/>Plant Installed Capacity- 200 TPD (8hr running capacity)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

|                                                                                                                         | Daily Solid Waste Collected (Average) –433.53 TPD<br>Daily Waste Process (Average)- 433.53 TPD (100%).<br>Haridwar:<br>Plant Installed Capacity- 150 TPD (8hr running capacity)<br>Daily Solid Waste Collected – 131.67 TPD<br>Daily Waste Processed- 131.67 TPD (100%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                |                                                                                                                                                                                                                                                             |                  |          |                                 |   |    |                  |                                                   |    |          |                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------|---------------------------------|---|----|------------------|---------------------------------------------------|----|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 technically examined.</li><li>▪ Above DPR has been circulated as a model DPR to other 02 NCAP cities/ULBs namely Kashipur and Rishikesh to prepared DPR accordingly.</li><li>▪ Direction has been issued to 03 NCAP cities to send proposal/DPR for approval.</li><li>▪ 92 ULBs have reported that the generated C&amp;D waste is being used in backfilling/ filling of low-lying lands</li></ul> |                |                                                                                                                                                                                                                                                             |                  |          |                                 |   |    |                  |                                                   |    |          |                                                                                                                                                                                                                                                             |
| Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source. | Total number of Wards - 1242<br>Door to door Collection - 1242<br>Source Segregation - 1055                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                |                                                                                                                                                                                                                                                             |                  |          |                                 |   |    |                  |                                                   |    |          |                                                                                                                                                                                                                                                             |
| Details of MSW treatment facilities proposed and under construction (no., capacity, and technology)                     | <table><tr><th>Current Status</th><th>Total DPRs</th><th>No. of ULBs</th><th>Timeline</th></tr><tr><td>DPR Approved &amp; Plant Functional</td><td>7</td><td>11</td><td>Plant Functional</td></tr><tr><td>DPRs approved &amp; funds have been disbursed to ULBs</td><td>55</td><td>78 / 80*</td><td>December 2023 for 20 Projects covering 21ULBs<br/>March 2024 for 18 Projects covering 20 ULBs<br/>December 2024 for 17 Projects covering 37/39* ULBs<br/>* 02 ULBs Muni ki Reti and Pirankaliyar is covering in cluster of Rishikesh and Roorkee respectively.</td></tr></table>                                                                                                                                                                                                                                                                            | Current Status | Total DPRs                                                                                                                                                                                                                                                  | No. of ULBs      | Timeline | DPR Approved & Plant Functional | 7 | 11 | Plant Functional | DPRs approved & funds have been disbursed to ULBs | 55 | 78 / 80* | December 2023 for 20 Projects covering 21ULBs<br>March 2024 for 18 Projects covering 20 ULBs<br>December 2024 for 17 Projects covering 37/39* ULBs<br>* 02 ULBs Muni ki Reti and Pirankaliyar is covering in cluster of Rishikesh and Roorkee respectively. |
|                                                                                                                         | Current Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Total DPRs     | No. of ULBs                                                                                                                                                                                                                                                 | Timeline         |          |                                 |   |    |                  |                                                   |    |          |                                                                                                                                                                                                                                                             |
|                                                                                                                         | DPR Approved & Plant Functional                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 7              | 11                                                                                                                                                                                                                                                          | Plant Functional |          |                                 |   |    |                  |                                                   |    |          |                                                                                                                                                                                                                                                             |
| DPRs approved & funds have been disbursed to ULBs                                                                       | 55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 78 / 80*       | December 2023 for 20 Projects covering 21ULBs<br>March 2024 for 18 Projects covering 20 ULBs<br>December 2024 for 17 Projects covering 37/39* ULBs<br>* 02 ULBs Muni ki Reti and Pirankaliyar is covering in cluster of Rishikesh and Roorkee respectively. |                  |          |                                 |   |    |                  |                                                   |    |          |                                                                                                                                                                                                                                                             |

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |    |    |                                                                                                                                                                                                                                                                                                   |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DPR Under revision as per SBM 2.0 (Shivalik Nagar, Chaukhutiya & Rudraprayag)                                                                                                                                                                                                                                                                                                                                                                                                                               | 03 | 03 | 1- As per direction of MoHUA DPR of Shivalik Nagar, Chaukhutiya is being revised as per SBM2.0 DPR of above ULBs was sent to MoHUA, GoI for approval after getting approved at GoUK as per SBM1.0.<br>2- Land has been transferred to ULBs by DM, Rudraprayag. DPR is being revised as per SBM2.0 |
|  | Total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 65 | 92 |                                                                                                                                                                                                                                                                                                   |
|  | <ul style="list-style-type: none"><li>- 01 SWM Plant is functional at Jhabreda which is out of above 65 proposed DPR.</li><li>- Collection &amp; Transportation Vehicles have been purchased by ULBs in initial phase to implement 100% Door to Door Collection &amp; 100 % Source Segregation.</li><li>- ULBs are in process of obtaining Environmental Clearance &amp; Consent to Establish, as construction is proposed after obtaining EC/CTE from Competent Authority. Status is as below: -</li></ul> |    |    |                                                                                                                                                                                                                                                                                                   |

**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>                                          |
|  | <b>EC Applied/Under Process for following projects</b>                                                                                                                 |                             |                    |                                                   |
|  | <b>S.N</b>                                                                                                                                                             | <b>Name of Project/ULB</b>  | <b>No. of ULBs</b> | <b>Remarks</b>                                    |
|  | 1                                                                                                                                                                      | Kotdwar ISWM Cluster        | 1                  | Public Hearing held on 16-09-2023                 |
|  | 2                                                                                                                                                                      | Pithoragarh                 | 1                  | Conditional ToR granted vide letter dt. 13-5-2023 |
|  | 3                                                                                                                                                                      | Gauchar                     | 1                  | Registration for EC done- 16-12-23                |
|  | 4                                                                                                                                                                      | Roorkee ISWM Cluster        | 5                  | Revised ToR Issued on 05-12-2023                  |
|  | 5                                                                                                                                                                      | Sitarganj                   | 1                  | -                                                 |
|  | 6                                                                                                                                                                      | Mahuakhedaganj              | 1                  | -                                                 |
|  | 7                                                                                                                                                                      | Naugaon (Uttarkashi)        | 1                  | Registration for EC done- 16-12-23                |
|  | 8                                                                                                                                                                      | Kirtinagar                  | 1                  | ToR issued on 13-5-2023                           |
|  | 9                                                                                                                                                                      | Gadarpur ISWM Cluster       | 4                  | -                                                 |
|  | 10                                                                                                                                                                     | Karnprayag                  | 1                  | ToR issued in August, 2023, EIA under process     |
|  |                                                                                                                                                                        | <b>Total</b>                | <b>17</b>          |                                                   |
|  | <b>EC of following projects rejected</b>                                                                                                                               |                             |                    |                                                   |
|  | <b>S.N.</b>                                                                                                                                                            | <b>Name of Project/ULBs</b> | <b>No. of ULBs</b> | <b>Remarks</b>                                    |
|  | 1                                                                                                                                                                      | Almora                      | 1                  | -                                                 |
|  | 2                                                                                                                                                                      | Ramnagar                    | 1                  | -                                                 |
|  | 3                                                                                                                                                                      | Chamoli                     | 1                  | ToR not granted vide letter dt. 13-5-2023         |
|  |                                                                                                                                                                        | <b>Total</b>                | <b>3</b>           |                                                   |
|  | <b>Authorisation Obtained: - Dehradun (5), Haridwar (1), Gauchar, Badrinath, Chamiyala, Augustmuni, Lambgaon, Ghansali, Dugadda, Chinyalisaur, Dineshpur, Naugaon,</b> |                             |                    |                                                   |

|                                                                                    |                                                                                                                                                                                                                                                                                                                    |                  |                                   |                                      |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------|--------------------------------------|
|                                                                                    | Pipalkoti, Barkot, Gairsain, Pirankaliyar, Devprayag, Kirtinagar, Rishikesh, Srinagar i.e. <b>24 ULBs..</b><br><b>The authorisation obtained by ULBs is for 24 ULBs now and have increased from 6 ULBs to 24 ULBs.</b><br><b>Applied for Authorization:</b> Purola, Roorkee, Mahuakhedaganj, Manglaur & Champawat. |                  |                                   |                                      |
| No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills   | <b>Legacy Waste/ Old Garbage Dump Site:</b> <ul style="list-style-type: none"> <li>Following 08 DPR of 07 ULBs has been approved and fund has been received from GOI.</li> </ul>                                                                                                                                   |                  |                                   |                                      |
|                                                                                    | <b>S. N.</b>                                                                                                                                                                                                                                                                                                       | <b>ULB/ City</b> | <b>Legacy Waste Quantity (MT)</b> | <b>Legacy waste Remediated (Ton)</b> |
|                                                                                    | 1                                                                                                                                                                                                                                                                                                                  | Dehradun         | 499000                            | -                                    |
|                                                                                    | 2                                                                                                                                                                                                                                                                                                                  | Haridwar         | 202000                            | -                                    |
|                                                                                    | 3                                                                                                                                                                                                                                                                                                                  |                  | 219000                            | -                                    |
|                                                                                    | 4                                                                                                                                                                                                                                                                                                                  | Kashipur         | 83000                             | 40000                                |
|                                                                                    | 5                                                                                                                                                                                                                                                                                                                  | Haldwani         | 207000                            | 40000                                |
|                                                                                    | 6                                                                                                                                                                                                                                                                                                                  | Roorkee          | 130000                            | -                                    |
|                                                                                    | 7                                                                                                                                                                                                                                                                                                                  | Rishikesh        | 217000                            | 188047                               |
|                                                                                    | 8                                                                                                                                                                                                                                                                                                                  | Kotdwar          | 16800                             | 16800                                |
| <b>- Following 04 DPR of 04 ULBs in principle approved by NARC, funds awaited.</b> |                                                                                                                                                                                                                                                                                                                    |                  |                                   |                                      |
|                                                                                    | <b>S. N.</b>                                                                                                                                                                                                                                                                                                       | <b>ULB/City</b>  | <b>Legacy Waste</b>               | <b>Legacy waste</b>                  |
|                                                                                    |                                                                                                                                                                                                                                                                                                                    |                  |                                   | <b>Remarks</b>                       |

|                                                                                                                    |                      |                                               |                                                  |                             |
|--------------------------------------------------------------------------------------------------------------------|----------------------|-----------------------------------------------|--------------------------------------------------|-----------------------------|
|                                                                                                                    |                      | <b>Quantity<br/>(MT)</b>                      | <b>Remediated (Ton)</b>                          |                             |
| 1                                                                                                                  | Sitarganj            | 15324.74                                      | -                                                | -                           |
| 2                                                                                                                  | Srinagar             | 18070                                         | -                                                | -                           |
| 3                                                                                                                  | Bazpur               | 11970                                         | -                                                | -                           |
| 4                                                                                                                  | Almora               | 21696                                         | -                                                | -                           |
| <b>- Following 02 DPR of 02 ULBs has been sent to MoHUA, Gol for approval.</b>                                     |                      |                                               |                                                  |                             |
| <b>S.N.</b>                                                                                                        | <b>ULB/<br/>City</b> | <b>Legacy<br/>Waste<br/>Quantity<br/>(MT)</b> | <b>Legacy<br/>waste<br/>Remediated<br/>(Ton)</b> | <b>Remarks</b>              |
| 1                                                                                                                  | Uttarkashi           | 5490.6                                        | 3500                                             | Remediation work is ongoing |
| 2                                                                                                                  | Rudrapur             | 35000                                         | 15000                                            | Remediation Initiated       |
| <b>- Following 16 Dumpsited are funded by State/ULB</b>                                                            |                      |                                               |                                                  |                             |
| <b>S.N.</b>                                                                                                        | <b>ULB/City</b>      | <b>Legacy<br/>Waste<br/>Quantity<br/>(MT)</b> | <b>Legacy waste<br/>Remediated (Ton)</b>         |                             |
| 1                                                                                                                  | Muni Ki Reti         | 13000                                         | 10000                                            |                             |
| 2                                                                                                                  | Doiwala              | 14000                                         | 9500                                             |                             |
| 3                                                                                                                  | Manglour             | 29506                                         | -                                                |                             |
| 4                                                                                                                  | Pirankaliyar         | 26776                                         | -                                                |                             |
| 5                                                                                                                  | Ramnagar             | 21630                                         | -                                                |                             |
| 6                                                                                                                  | Duggadda             | 3127                                          | -                                                |                             |
| 7                                                                                                                  | Khatima              | 32712                                         | -                                                |                             |
| 8                                                                                                                  | Jhabrera             | 15000                                         | -                                                |                             |
| 9                                                                                                                  | Chamoli              | 1960                                          | 1000                                             |                             |
| 10                                                                                                                 | Gauchar              | 65                                            | 50                                               |                             |
| 11                                                                                                                 | Joshimath            | 1366.65                                       | 1200                                             |                             |
| 12                                                                                                                 | Karnprayag           | 70                                            | -                                                |                             |
| 13                                                                                                                 | Gangotri             | 60                                            | 60                                               |                             |
| 14                                                                                                                 | Nandprayag           | 40                                            | 40                                               |                             |
| 15                                                                                                                 | Pithoragarh          | 31500                                         | 26000                                            |                             |
| 16                                                                                                                 | Mussoorie            | 10000                                         | 10000                                            |                             |
| <b>Sanitary Land Fill:</b><br>03 Scientific Sanitary Landfills (Kirtinagar, Haridwar & Dehradun) are in operation. |                      |                                               |                                                  |                             |

|                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| No. and area (in acres) of legacy waste within 1km buffer of both side of the rivers                                                            | 07 (Uttarkashi, Haldwani, Kotdwar, Doiwala, Srinagar, Rishikesh & Purola), as informed by respective ULBs.<br>Legacy Waste of Kotdwar has been remediated<br>In Srinagar legacy Waste has been shifted away from Ganga River.<br>In Uttarkashi, ULB has enclosed the legacy waste site by constructing boundary wall of 3 m. height. Tender process has been completed and work order has been done, Remediation of legacy is under process. |
| No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers | 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.                                                                                                                                                                                                                       |

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

**Treatment and Disposal facility for SWM- Land Identification and Procurement status is as follows (for Total 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.
- **Recently for the SWM Plant at Chamiyala Nagar Panchayat land has been transferred by District Magistrate.**

#### **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.<br><br>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                             | 21586.24 Tonnes<br>(Year 2021-22)                               |
| No. of Industries generation Hazardous waste                 | 4469 Nos.                                                       |
| Treatment Capacity of all TSDFs                              | Incineration-12000 MT/Year<br>Land filling-8000 MT/Year         |
| Quantity of Hazardous waste reached the TSDFs (Year 2021-22) | 9151.55 MT (Landfill – 3269.383 MT & Incineration – 5882.17 MT) |

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Treated (Year 2021-22)               | Landfillable: 3269.383 MT<br>Incinerable: 5862.496 MT  |
| 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/Measure s adopted for reduction or management of plastic waste | <ul style="list-style-type: none"> <li>▪ 73 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>4.49 Cr.</b> by selling of compacted plastics/ bails till date</li> <li>▪ Total capacity of Compactor is 360 Tonnes per day.</li> <li>▪ 62 Plastic Waste recycling units are registered with the Uttarakhand Pollution Control Board with an installed recycling capacity of 177000Ton/Annum.</li> <li>▪ State Level Monitoring Committee (SLMC) for Plastic Waste Management has been constituted by the State Government vide G.O. No. 1445/IV(3)-201912(1 Sa.)/2017 dated 03.07.2019.</li> <li>▪ <b>SLMC Meeting convened on 16.09.2022, 04.10.2022, 09.11.2022, 09-03-2023, 28-04-2023 &amp; 21-07-2023.</b></li> <li>▪ The Government of Uttarakhand has imposed restriction on supply, carry, storage, transportation, manufacturing, sale, purchase and import of identified Single Use Plastic items vide notification dated 16.02.2021.</li> <li>▪ The Government of Uttarakhand has constituted a Special Task Force under chairmanship of Chief Secretary and District Level task Force under chairmanship of District Magistrate vide notification dated 31.08.2021 to eliminate banned single use plastic items, in mission mode.</li> <li>▪ Awareness campaign is being done for elimination of banned single use plastic items in the State.</li> <li>▪ SUP Ban Drive/Inspection Drive is being done regularly and Challan is being imposed on violators.</li> <li>▪ SUP grievance app has created by CPCB.</li> </ul> |

## OTHERS:

|    |                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                     |
|----|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8. | Details of Alternate Treatment Technology being adopted by the State/UT                                                                | <p>The treatment technologies i.e., SBR, MBBER, SBT and Electro Coagulation are being used in the State for STPs.</p> <p>In addition of above, Bio remediation treatment technology has been adopted for treatment of drains for the period till STPs are constructed and becomes functional.</p>                                                   |
| 9. | Identification of polluting sources including drains contributing to river pollution and action as per NGT order on in situ treatment. | <p><b>Main Ganga Stream:</b> Total 135 drains identified along the main stream of river Ganga. Out of 135 drains, 131 drains sanctioned by NMCG New Delhi. Remaining 4 drains, 3 drain of Srikot have not sanctioned because BOD&lt;30 and 1 drain of Rawali Mehdood is under Sidcul. Out of 131 sanctioned drains 131 drains have been tapped.</p> |

|     |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                                                                                                                                               | <p><b>Dehradun:</b> Total 177 nos small household drains has been sanctioned for I&amp;D under Namami Gange Programme. All I&amp;D works (144 Nos.) of Bindal river is completed.</p> <p><b>Ramnagar:</b> Total 06 nos. drains has been sanctioned under Namami Gange programme. All Nala have been tapped.</p> <p><b>09 Polluted Stretches:</b></p> <p>A. 17-drains has been sanctioned under Namami Gange for 6 stretches (Bhela, Dhela, Kichha, Kosi, Nandhore, Pilkhar and Kashipur Distt. Udham Singh Nagar). 33% work completed. Rest work is in progress."</p> <p>B. The polluting stretch Kalyani River (Kumaon), DPR is under preparation by UKPJN &amp; consultant has been finalised. DPR expected to be submitted.</p> <p>C. The polluting stretch Suswa River (Dehradun) is taken up under DPR approved for I&amp;D works of Rispana &amp; Bindal Rivers under Namami Gange Projects.</p> <p>D. Polytechnic drains or Lakkarghat drain is the treated effluent channels for new 26 MLD STP based on SBR technology has been commissioned at Lakkarghat.</p> <p>E. The polluted River stretch (from Haridwar to Sultanpur) is already meeting the bathing water criteria and considered as model River.</p> <p>Bio-remediation of drains – DPR of Rs. 259 Lakh was approved by NMCG for total 19 drains on dated 14.12.2020.<br/> 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.</p> |
| 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 and 12.09.2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 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 November, 2023 is enclosed as <b>Annexure-2</b>.</p> <p>It is state that River Ganga (Haridwar to Sultanpur) (Priority-IV) is already achieved Class "B" water, therefore, may be de-listed from the polluted river stretches.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 13. | Groundwater regulation                                                                                                                        | ----                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 14. | Good irrigation practices being adopted by the State.                                                                                         | Treated waste water of 27 MLD & 68 MLD STP's at Jagjeetpur, Haridwar is already being re-used for irrigation through Canal system constructed for this purpose.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

|        |                                                                 | A part from this micro irrigation practices such as sprinkler and drip irrigation is being adopted by the irrigation department.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
|--------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|------|------------------|----|---------|---------|----|---------|---------|----|---------|---------|----|---------|----------|--|--------------|-----------------|--------|------|------------------|----|---------------|---------|----|----------------------|---------|----|---------------|--------------|--|---------------------------|----------------|
| 15.    | Rain Water Harvesting                                           | It is being implemented through Catch the Rain Campaign.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
| 16.    | Demarcation of Floodplain and removal of illegal encroachments. | out of 9 polluted stretches (Bhela, Dhela, Suswa, Gola (Kichchha), Kalyani, Ganga, Kosi, Nandhor and Pikhar). 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) has been notified in 11th May, 2018. Remaining 3 stretches Flood Plain Zoning Work in Suswa, Kosi and Gola rivers is in final Phase and will be completed by January 2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
| 17.    | Maintaining minimum e-flow of river.                            | <p>Government of Uttarakhand has directed to all Hydro Electric Projects Developers in the State of Uttarakhand to release minimum E-Flow of 15 % of the average lean season.</p> <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 November, 2023:</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 except the Srinagar Hydro Power Project.</li> <li>All 05-HEPs located in other than main Ganga basin and having &gt; 25 MW capacity are complying with e-flow norms.</li> <li>All 20 HEPs having &lt;25 MW capacity located in the State are complying with e-flow norms.</li> </ul> <p>Details of E-flow of November, 2023 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> <tr> <td>3.</td><td>2022-23</td><td>3802.70</td></tr> <tr> <td>4.</td><td>2023-24</td><td>2037.58*</td></tr> <tr> <td></td><td><b>Total</b></td><td><b>14803.38</b></td></tr> </tbody> </table> <p>*in progress</p> <p><b>2. Plantations under 'Namami Gange' Project utilizing CAMPA funds in various Ganga districts:</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>2022-23 (ASW)</td><td>1390.00</td></tr> <tr> <td>2.</td><td>2023-24 (Plantation)</td><td>1150.00</td></tr> <tr> <td>3.</td><td>2023-24 (ASW)</td><td>In Progress*</td></tr> <tr> <td></td><td><b>Total (Plantation)</b></td><td><b>1150.00</b></td></tr> </tbody> </table> <p>*Budget has been allocated.</p> | S. No. | Year | Plantations (ha) | 1. | 2020-21 | 5181.64 | 2. | 2021-22 | 3781.46 | 3. | 2022-23 | 3802.70 | 4. | 2023-24 | 2037.58* |  | <b>Total</b> | <b>14803.38</b> | S. No. | Year | Plantations (ha) | 1. | 2022-23 (ASW) | 1390.00 | 2. | 2023-24 (Plantation) | 1150.00 | 3. | 2023-24 (ASW) | In Progress* |  | <b>Total (Plantation)</b> | <b>1150.00</b> |
| S. No. | Year                                                            | Plantations (ha)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
| 1.     | 2020-21                                                         | 5181.64                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
| 2.     | 2021-22                                                         | 3781.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
| 3.     | 2022-23                                                         | 3802.70                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
| 4.     | 2023-24                                                         | 2037.58*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
|        | <b>Total</b>                                                    | <b>14803.38</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
| S. No. | Year                                                            | Plantations (ha)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
| 1.     | 2022-23 (ASW)                                                   | 1390.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
| 2.     | 2023-24 (Plantation)                                            | 1150.00                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
| 3.     | 2023-24 (ASW)                                                   | In Progress*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |
|        | <b>Total (Plantation)</b>                                       | <b>1150.00</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |        |      |                  |    |         |         |    |         |         |    |         |         |    |         |          |  |              |                 |        |      |                  |    |               |         |    |                      |         |    |               |              |  |                           |                |

|                                                                                                                                                                      |         |                                                                    |      |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--------------------------------------------------------------------|------|-------------|
|                                                                                                                                                                      |         | 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 Trenches                                                   | RM.  | 2000        |
| 5.                                                                                                                                                                   |         | Check Dams                                                         | Nos. | 142         |
| 6.                                                                                                                                                                   | 2021-22 | Advance Soil Works                                                 | Ha   | 6           |
| 7.                                                                                                                                                                   |         | Pitching Work                                                      | CUM  | 882         |
| 8.                                                                                                                                                                   |         | CC Blocks                                                          | RM   | 69.5        |
| Note: not approved in APO 2022-23 and 2023-24.                                                                                                                       |         |                                                                    |      |             |
| 5. Works under conservation of flood plain zones of Ganga River in OA No. 200/2014                                                                                   |         |                                                                    |      |             |

|        |                                                                                     | <table><tr><th>S. No.</th><th>Year</th><th>Name of Activity</th><th>Unit</th><th>Achievement</th></tr><tr><td>1.</td><td rowspan="2">2021-22</td><td>Advance Soil Works</td><td>Ha</td><td>131.94</td></tr><tr><td>2.</td><td>Check Dams</td><td>Nos.</td><td>1142</td></tr><tr><td>3</td><td rowspan="2">2022-23</td><td>Plantations</td><td>Ha</td><td>163.00</td></tr><tr><td>4</td><td>Check Dams</td><td>Nos.</td><td>713</td></tr><tr><td>5</td><td rowspan="2">2023-24</td><td>Plantations</td><td>Ha</td><td rowspan="2">In progress</td></tr><tr><td></td><td>Check Dams</td><td>Nos.</td></tr></table>                                                                                                           | S. No. | Year        | Name of Activity | Unit | Achievement | 1. | 2021-22 | Advance Soil Works | Ha | 131.94 | 2. | Check Dams | Nos. | 1142 | 3  | 2022-23          | Plantations | Ha   | 163.00 | 4                | Check Dams | Nos.  | 713 | 5 | 2023-24                          | Plantations | Ha   | In progress |         | Check Dams | Nos. |      |
|--------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|------------------|------|-------------|----|---------|--------------------|----|--------|----|------------|------|------|----|------------------|-------------|------|--------|------------------|------------|-------|-----|---|----------------------------------|-------------|------|-------------|---------|------------|------|------|
| S. No. | Year                                                                                | Name of Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unit   | Achievement |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 1.     | 2021-22                                                                             | Advance Soil Works                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Ha     | 131.94      |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 2.     |                                                                                     | Check Dams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nos.   | 1142        |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 3      | 2022-23                                                                             | Plantations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ha     | 163.00      |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 4      |                                                                                     | Check Dams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nos.   | 713         |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 5      | 2023-24                                                                             | Plantations                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Ha     | In progress |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
|        |                                                                                     | Check Dams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nos.   |             |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
|        |                                                                                     | <p><b>6. Works under conservation &amp; development of wetlands in OA No. 325/2015</b></p> <table><tr><th>S. No.</th><th>Year</th><th>Name of Activity</th><th>Unit</th><th>Achievement</th></tr><tr><td>1.</td><td rowspan="4">2022-22</td><td>Plantation</td><td>Ha</td><td>24.00</td></tr><tr><td>2.</td><td>Check Dams</td><td>Nos.</td><td>1035</td></tr><tr><td>3.</td><td>Contour Trenches</td><td>Ha</td><td>5.00</td></tr><tr><td>4.</td><td>Percolation Pits</td><td>Ha</td><td>50.00</td></tr><tr><td>5.</td><td></td><td>Maintenance, cleaning works etc.</td><td>Ha</td><td>5.00</td></tr><tr><td>6</td><td>2023-24</td><td>Plantation</td><td>Ha</td><td>2.40</td></tr></table> <p>* Progress as per MIS</p> | S. No. | Year        | Name of Activity | Unit | Achievement | 1. | 2022-22 | Plantation         | Ha | 24.00  | 2. | Check Dams | Nos. | 1035 | 3. | Contour Trenches | Ha          | 5.00 | 4.     | Percolation Pits | Ha         | 50.00 | 5.  |   | Maintenance, cleaning works etc. | Ha          | 5.00 | 6           | 2023-24 | Plantation | Ha   | 2.40 |
| S. No. | Year                                                                                | Name of Activity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Unit   | Achievement |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 1.     | 2022-22                                                                             | Plantation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ha     | 24.00       |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 2.     |                                                                                     | Check Dams                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Nos.   | 1035        |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 3.     |                                                                                     | Contour Trenches                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ha     | 5.00        |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 4.     |                                                                                     | Percolation Pits                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ha     | 50.00       |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 5.     |                                                                                     | Maintenance, cleaning works etc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Ha     | 5.00        |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 6      | 2023-24                                                                             | Plantation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ha     | 2.40        |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 19.    | Development of biodiversity park                                                    | -----                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |        |             |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 20.    | Reuse of treated Water.                                                             | <p>Treated waste water of 27 MLD &amp; 68 MLD STP's at Jagjeetpur, Haridwar is already being re-used for irrigation through Canal system constructed for this purpose.</p> <p>A part from this micro irrigation practices such as sprinkler and drip irrigation are being adopted by the irrigation department.</p>                                                                                                                                                                                                                                                                                                                                                                                                        |        |             |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 21.    | Model River being adopted by the State & Action Proposed for achieving the bathing. | River Ganga from Haridwar to Sultanpur stretch has been identified as a model river for achieving the bathing quality standards. The model River report has been prepared and approved by River Rejuvenation Committee meeting held on 10.02.2021.                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |        |             |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 22.    | Status of preparation of Action Plan by the 13 Coastal States                       | Not related to the State of Uttarakhand.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |             |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |
| 23.    | Regulation of Mining Activities in the State/UT.                                    | River Bed Mining in the State of Uttarakhand is carried out in a scientific and highly regulated manner as per the provisions of State Mining Policy and Uttarakhand Minor Minerals Rules, 2023 taking due care of environment and ecology of the area. It is compulsory to obtain Environment Clearance under EIA Notification 2006 prior to sanction of Mining Leases. Excavation of river bed mining is carried out as per approved mining plan and the Sustainable Sand Mining Guidelines-2016 of Ministry of Environment, Forest and Climate Change, Government of India within the demarcated area up to a depth of 03 meter or ground level                                                                         |        |             |                  |      |             |    |         |                    |    |        |    |            |      |      |    |                  |             |      |        |                  |            |       |     |   |                                  |             |      |             |         |            |      |      |

|  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | <p>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 30th June onwards up to 30th November and also from sunset to sunrise. Transportation of RBM is carried out on E-Transit Pass.</p> <ol style="list-style-type: none"> <li>1- State Government has formulated Uttarakhand Mineral (illegal mining, transportation and storage prevention) Rules, 2021 wherein provisions have been made to impose a penalty on persons found guilty of illegal mining and illegal transportation.</li> <li>2- The State Government has constituted "District Anti-Illegal Mining Force" in each District for prevention of illegal mining.</li> <li>3- The State Government has constituted an "Independent Complaint Redressal Committee" which is chaired by retired judge.</li> <li>4- Directorate Geology and mining has developed a "Complaint Redressal Portal" for redressal of the complaints related to mining.</li> <li>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.</li> <li>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.</li> <li>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.</li> </ol> <p>In the Month of November 2023, a 240 Cases of illegal mining/illegal transportation/illegal storage and a total 2.04 crore has been recovered from them.</p> <p>The enforcement work done to prevent illegal mining/illegal transportation/illegal storage in the last eight financial years is as follows: -</p> |
|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|     |                                                                                                                  | S. N.                                                                                                                                                    | Financial Year                      | Illegal mining/ storage/ transportation cases | Penalty Recovered (In Rs. Crore) |
|-----|------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------|----------------------------------|
|     |                                                                                                                  | 1.                                                                                                                                                       | 2015-2016                           | 1324                                          | 12.27                            |
|     |                                                                                                                  | 2.                                                                                                                                                       | 2016-2017                           | 1424                                          | 4.41                             |
|     |                                                                                                                  | 3.                                                                                                                                                       | 2017-2018                           | 3231                                          | 9.44                             |
|     |                                                                                                                  | 4.                                                                                                                                                       | 2018-2019                           | 2649                                          | 26.99                            |
|     |                                                                                                                  | 5.                                                                                                                                                       | 2019-2020                           | 2502                                          | 9.62                             |
|     |                                                                                                                  | 6.                                                                                                                                                       | 2020-2021                           | 2752                                          | 18.05                            |
|     |                                                                                                                  | 7.                                                                                                                                                       | 2021-2022                           | 1818                                          | 13.17                            |
|     |                                                                                                                  | 8.                                                                                                                                                       | 2022-23                             | 2250                                          | 17.04                            |
|     |                                                                                                                  | 9.                                                                                                                                                       | 2023-24<br>Upto<br>November<br>2023 | 1552                                          | 11.86                            |
|     |                                                                                                                  |                                                                                                                                                          | <b>Total</b>                        | <b>19,502</b>                                 | <b>122.85</b>                    |
|     |                                                                                                                  | Thus, the State Government is committed to stop illegal mining, illegal storage and illegal transportation of mineral in the State.                      |                                     |                                               |                                  |
| 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. 4.14 Crore</b> from various defaulters / law violators as an environment compensation. |                                     |                                               |                                  |

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## Monthly Progress Report of the month of November-2023

| 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                                  | 3.60              | 0.73             |
| 2        | UTTARKASHI               | BARAHAT UTTARKASHI       | 11          | 11                             | 11                                 | 10.00             | 10.00            |
| 3        | UTTARKASHI               | GANGOTRIDHAM             | 4           | 4                              | 4                                  | 0.05              | 0.05             |
| 4        | UTTARKASHI               | PUROLA                   | 7           | 7                              | 7                                  | 2.50              | 2.57             |
| 5        | UTTARKASHI               | CHIMYALISUR              | 7           | 7                              | 7                                  | 2.50              | 0.00             |
| 6        | UTTARKASHI               | NAUGAON                  | 7           | 7                              | 7                                  | 2.00              | 0.00             |
| <b>1</b> | <b>UTTARKASHI</b>        |                          | <b>43</b>   | <b>43</b>                      | <b>43</b>                          | <b>20.65</b>      | <b>13.35</b>     |
| 7        | CHAMOLI GOPESHWAR        | BADRINATH                | 4           | 4                              | 4                                  | 1.20              | 1.20             |
| 8        | CHAMOLI GOPESHWAR        | JOSHIMATH                | 9           | 9                              | 9                                  | 3.20              | 3.67             |
| 9        | CHAMOLI GOPESHWAR        | CHAMOLI-GOPESHWAR        | 11          | 11                             | 11                                 | 3.00              | 0.00             |
| 10       | CHAMOLI GOPESHWAR        | NANDPRAYAG               | 4           | 4                              | 4                                  | 0.50              | 0.40             |
| 11       | CHAMOLI GOPESHWAR        | GAUCHAR                  | 7           | 7                              | 7                                  | 4.29              | 4.29             |
| 12       | CHAMOLI GOPESHWAR        | KARNAPRAYAG              | 7           | 7                              | 7                                  | 2.20              | 0.90             |
| 13       | CHAMOLI GOPESHWAR        | GAIRSAIN                 | 7           | 7                              | 7                                  | 1.13              | 1.13             |
| 14       | CHAMOLI GOPESHWAR        | POKHARI                  | 7           | 7                              | 7                                  | 2.00              | 2.00             |
| 15       | CHAMOLI GOPESHWAR        | THARALI                  | 4           | 4                              | 4                                  | 0.80              | 0.27             |
| 16       | CHAMOLI GOPESHWAR        | PIPALKOTI                | 4           | 4                              | 4                                  | 0.02              | 0.15             |
| <b>2</b> | <b>CHAMOLI GOPESHWAR</b> |                          | <b>64</b>   | <b>64</b>                      | <b>64</b>                          | <b>18.34</b>      | <b>14.01</b>     |
| 17       | RUDRAPRAYAG              | KEDARNATH                | 1           | 1                              | 1                                  | 0.00              | 0.00             |
| 18       | RUDRAPRAYAG              | RUDRAPRAYAG              | 7           | 7                              | 7                                  | 0.00              | 0.00             |
| 19       | RUDRAPRAYAG              | UKHIMATH                 | 4           | 4                              | 4                                  | 0.11              | 0.21             |
| 20       | RUDRAPRAYAG              | AUGUSTMUNI               | 7           | 7                              | 7                                  | 1.42              | 1.42             |
| 21       | RUDRAPRAYAG              | TILWARA                  | 4           | 4                              | 4                                  | 0.00              | 0.00             |
| <b>3</b> | <b>RUDRAPRAYAG</b>       |                          | <b>23</b>   | <b>23</b>                      | <b>23</b>                          | <b>1.53</b>       | <b>1.63</b>      |
| 22       | TEHRI                    | KIRTINAGAR               | 4           | 4                              | 4                                  | 1.00              | 1.00             |
| 23       | TEHRI                    | DEVAPRAYAG               | 4           | 4                              | 4                                  | 0.38              | 0.47             |
| 24       | TEHRI                    | TEHRI                    | 11          | 11                             | 10                                 | 9.67              | 9.47             |
| 25       | TEHRI                    | CHAMBA_U                 | 9           | 9                              | 9                                  | 3.94              | 3.94             |
| 26       | TEHRI                    | NARENDRANAGAR            | 7           | 7                              | 7                                  | 1.25              | 1.25             |
| 27       | TEHRI                    | MUNI-KI-RETI             | 11          | 11                             | 11                                 | 14.29             | 14.29            |
| 28       | TEHRI                    | GHANSALI                 | 7           | 7                              | 7                                  | 1.97              | 1.97             |
| 29       | TEHRI                    | LAMB GAON                | 4           | 4                              | 4                                  | 1.50              | 1.03             |
| 30       | TEHRI                    | GAJA                     | 4           | 4                              | 4                                  | 0.89              | 0.91             |
| 31       | TEHRI                    | CHAMIYALA                | 7           | 7                              | 7                                  | 2.00              | 0.00             |
| 32       | TEHRI                    | TAPOVAN                  | 4           | 4                              | 4                                  | 1.50              | 0.00             |
| <b>4</b> | <b>TEHRI</b>             |                          | <b>72</b>   | <b>72</b>                      | <b>71</b>                          | <b>38.37</b>      | <b>34.32</b>     |
| 33       | DEHRADUN                 | VIKASNAGAR               | 11          | 11                             | 11                                 | 7.95              | 7.95             |
| 34       | DEHRADUN                 | HERBERTPUR               | 9           | 9                              | 9                                  | 4.50              | 5.66             |
| 35       | DEHRADUN                 | MUSOORIE                 | 13          | 13                             | 13                                 | 13.70             | 13.70            |
| 36       | DEHRADUN                 | DEHRADUN                 | 100         | 100                            | 100                                | 433.53            | 433.53           |
| 37       | DEHRADUN                 | DOIWALA                  | 20          | 20                             | 20                                 | 16.52             | 16.52            |
| 38       | DEHRADUN                 | RISHIKESH                | 40          | 40                             | 40                                 | 85.42             | 106.46           |
| 39       | DEHRADUN                 | SELAQUI (CENTRAL HOPETOW | 9           | 9                              | 0                                  | 0.38              | 0.00             |
| <b>5</b> | <b>DEHRADUN</b>          |                          | <b>202</b>  | <b>202</b>                     | <b>193</b>                         | <b>561.99</b>     | <b>583.81</b>    |
| 40       | PAURI GARHWAL            | SRINAGAR                 | 13          | 13                             | 13                                 | 18.00             | 19.27            |
| 41       | PAURI GARHWAL            | PAURI                    | 11          | 11                             | 11                                 | 8.00              | 7.67             |
| 42       | PAURI GARHWAL            | DOGADDA                  | 4           | 4                              | 4                                  | 1.00              | 1.00             |
| 43       | PAURI GARHWAL            | KOTDWARA                 | 40          | 40                             | 40                                 | 51.47             | 51.47            |
| 44       | PAURI GARHWAL            | SWARGASHRAM              | 4           | 4                              | 4                                  | 5.67              | 0.00             |
| 45       | PAURI GARHWAL            | SATPULI                  | 4           | 4                              | 4                                  | 1.30              | 1.30             |
| 46       | PAURI GARHWAL            | THALISAIN                | 4           | 0                              | 0                                  | 1.00              | 0.00             |
| <b>6</b> | <b>PAURI GARHWAL</b>     |                          | <b>80</b>   | <b>76</b>                      | <b>76</b>                          | <b>86.43</b>      | <b>80.70</b>     |
| 47       | PITHORAGARH              | DHARCHULA                | 7           | 7                              | 7                                  | 3.87              | 0.52             |
| 48       | PITHORAGARH              | DIDIHAT                  | 7           | 7                              | 7                                  | 3.20              | 1.83             |
| 49       | PITHORAGARH              | PITHORAGARH              | 20          | 20                             | 16                                 | 25.87             | 25.27            |
| 50       | PITHORAGARH              | GANGOLIHAT               | 7           | 7                              | 7                                  | 0.20              | 0.03             |
| 51       | PITHORAGARH              | BERINAG                  | 7           | 7                              | 7                                  | 1.50              | 1.50             |

|       |                  |                       |      |      |      |         |         |
|-------|------------------|-----------------------|------|------|------|---------|---------|
| 7     | PITHORAGARH      |                       | 48   | 48   | 44   | 34.63   | 29.15   |
| 52    | BAGESHWAR        | BAGESHWAR             | 11   | 11   | 11   | 7.50    | 2.50    |
| 53    | BAGESHWAR        | KAPKOT                | 7    | 7    | 7    | 2.00    | 1.80    |
| 54    | BAGESHWAR        | GARUD                 | 7    | 0    | 0    | 0.00    | 0.00    |
| 8     | BAGESHWAR        |                       | 25   | 18   | 18   | 9.50    | 4.30    |
| 55    | ALMORA           | DWARHAT               | 4    | 4    | 4    | 0.60    | 0.60    |
| 56    | ALMORA           | ALMORA                | 13   | 13   | 13   | 10.36   | 4.03    |
| 57    | ALMORA           | RANIKHET-CHILYANAULA  | 7    | 7    | 7    | 4.00    | 4.01    |
| 58    | ALMORA           | BHIKYASAIN            | 4    | 4    | 4    | 2.00    | 2.00    |
| 59    | ALMORA           | CHAWKHUTIYA           | 4    | 4    | 0    | 0.67    | 0.67    |
| 9     | ALMORA           |                       | 32   | 32   | 28   | 17.62   | 11.31   |
| 60    | CHAMPAWAT        | CHAMPAWAT             | 9    | 9    | 7    | 4.37    | 4.37    |
| 61    | CHAMPAWAT        | LOHAGHAT              | 7    | 5    | 5    | 2.47    | 2.47    |
| 62    | CHAMPAWAT        | TANAKPUR              | 11   | 11   | 5    | 3.10    | 1.60    |
| 63    | CHAMPAWAT        | BANBASA               | 7    | 7    | 7    | 2.00    | 0.33    |
| 10    | CHAMPAWAT        |                       | 34   | 32   | 24   | 11.93   | 8.77    |
| 64    | NAINITAL         | NAINITAL              | 15   | 15   | 15   | 12.04   | 12.04   |
| 65    | NAINITAL         | BHOWALI               | 7    | 7    | 7    | 2.00    | 2.80    |
| 66    | NAINITAL         | BHIMTAL               | 9    | 9    | 9    | 0.12    | 0.12    |
| 67    | NAINITAL         | HALDWANI              | 60   | 60   | 49   | 130.23  | 130.23  |
| 68    | NAINITAL         | RAMNAGAR_U            | 20   | 20   | 20   | 12.80   | 4.37    |
| 69    | NAINITAL         | KALADHUNGI            | 7    | 7    | 7    | 3.45    | 0.03    |
| 70    | NAINITAL         | LALKUAN               | 7    | 7    | 7    | 4.93    | 8.02    |
| 11    | NAINITAL         |                       | 125  | 125  | 114  | 165.57  | 157.61  |
| 71    | UDHAMSINGH NAGAR | KASHIPUR              | 40   | 40   | 25   | 56.50   | 53.83   |
| 72    | UDHAMSINGH NAGAR | MAHUA KHERAGANJ       | 9    | 9    | 0    | 3.01    | 3.01    |
| 73    | UDHAMSINGH NAGAR | MAHUADABRA            | 7    | 7    | 7    | 0.00    | 0.00    |
| 74    | UDHAMSINGH NAGAR | JASPUR                | 20   | 20   | 12   | 22.50   | 2.13    |
| 75    | UDHAMSINGH NAGAR | SULTANPUR_U           | 7    | 7    | 7    | 4.00    | 3.67    |
| 76    | UDHAMSINGH NAGAR | BAZPUR                | 13   | 13   | 13   | 10.50   | 5.71    |
| 77    | UDHAMSINGH NAGAR | KELA KHERA            | 9    | 9    | 9    | 4.50    | 0.35    |
| 78    | UDHAMSINGH NAGAR | RUDRAPUR              | 40   | 40   | 10   | 132.33  | 116.75  |
| 79    | UDHAMSINGH NAGAR | KICHHA                | 20   | 20   | 15   | 19.43   | 9.43    |
| 80    | UDHAMSINGH NAGAR | GADARPUR              | 11   | 11   | 11   | 8.00    | 8.00    |
| 81    | UDHAMSINGH NAGAR | DINESHPUR             | 9    | 9    | 9    | 4.20    | 4.20    |
| 82    | UDHAMSINGH NAGAR | SHAKTIGARH            | 7    | 7    | 7    | 1.20    | 0.71    |
| 83    | UDHAMSINGH NAGAR | SITARGANJ             | 13   | 13   | 13   | 19.00   | 0.83    |
| 84    | UDHAMSINGH NAGAR | KHATIMA               | 20   | 20   | 0    | 18.00   | 0.00    |
| 85    | UDHAMSINGH NAGAR | NANAKAMTTA            | 7    | 7    | 7    | 4.03    | 0.03    |
| 86    | UDHAMSINGH NAGAR | GULARBHOJ             | 7    | 7    | 5    | 2.11    | 2.11    |
| 87    | UDHAMSINGH NAGAR | NAGLA                 | 20   | 0    | 0    | 0.00    | 0.00    |
| 88    | UDHAMSINGH NAGAR | LALPUR                | 4    | 0    | 0    | 0.04    | 0.00    |
| 12    | UDHAMSINGH NAGAR |                       | 263  | 239  | 150  | 309.36  | 210.78  |
| 89    | HARDWAR          | ROORKEE (NN)          | 40   | 40   | 40   | 99.73   | 95.17   |
| 90    | HARDWAR          | JHABRERA              | 9    | 9    | 9    | 10.47   | 23.91   |
| 91    | HARDWAR          | MANGLAUR              | 20   | 20   | 20   | 21.93   | 14.13   |
| 92    | HARDWAR          | LANDHAURA             | 9    | 9    | 9    | 8.00    | 0.23    |
| 93    | HARDWAR          | HARDWAR               | 60   | 60   | 60   | 131.67  | 131.67  |
| 94    | HARDWAR          | LAKSAR                | 11   | 11   | 11   | 12.00   | 12.00   |
| 95    | HARDWAR          | SHIVALIK NAGAR        | 13   | 13   | 13   | 9.83    | 9.77    |
| 96    | HARDWAR          | BHAGWANPUR            | 9    | 9    | 9    | 7.00    | 8.97    |
| 97    | HARDWAR          | PIRAN KALIYAR         | 9    | 9    | 9    | 8.20    | 5.33    |
| 98    | HARDWAR          | IMLIKHEDA             | 9    | 9    | 3    | 7.80    | 7.80    |
| 99    | HARDWAR          | RAMPUR                | 11   | 0    | 0    | 0.10    | 0.00    |
| 100   | HARDWAR          | PADLI GUJJAR          | 11   | 0    | 0    | 0.00    | 0.00    |
| 101   | HARDWAR          | DHANDHERA             | 11   | 0    | 0    | 2.05    | 0.00    |
| 102   | HARDWAR          | SULTANPUR-ADAMPUR(NP) | 9    | 0    | 0    | 5.83    | 0.00    |
| 13    | HARDWAR          |                       | 231  | 189  | 183  | 324.62  | 308.97  |
| TOTAL |                  |                       | 1242 | 1163 | 1031 | 1600.56 | 1458.71 |

**The Surface Water Quality of 09 polluted river stretches for the month of November, 2023**

| 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                           | 20.11.2023    | US     | Dhella Bridge, Kashipur, Bheljudi | 29°13'12" N<br>78°56'42" E   | 7.7           | 6.0       | 3.0        | 24         | 275        | 178        | 23         | 350                          | 240                           |
|        |                                  | 20.11.2023    | DS     | Gehruwala Village Pratappur       | 29°08'30" N<br>78°05'20" E   | 7.1           | 2.0       | 32         | 224        | 528        | 356        | 76         | 22×10 <sup>2</sup>           | 1600                          |
| 2      | Bhella                           | 20.11.2023    | US     | Bahella Bridge, Kashipur          | 29°16'43" N<br>79°01'19" E   | 7.7           | 6.2       | 2.6        | 16         | 181        | 107        | 18         | 220                          | 170                           |
|        |                                  | 20.11.2023    | DS     | Bahella River rajpura tanda       | 29°07'45" N<br>78°59'03" E   | 6.6           | 2.7       | 28         | 192        | 272        | 178        | 62         | 1600                         | 920                           |
| 3      | Kichha                           | 21.11.2023    | US     | Main Road Kichha                  | 28°57'43" N<br>79°32'17" E   | 7.9           | 7.2       | 2.0        | 16         | 355        | 231        | 19         | 1600                         | 920                           |
|        |                                  | 21.11.2023    | DS     | Kichha Bridge                     | 29°52'59" N<br>79°30'56" E   | 7.6           | 6.2       | 3.2        | 32         | 533        | 369        | 38         | 280                          | 220                           |
| 4      | Suswa                            | 29.11.2023    | US     | Mothrawala                        | 30°13'59" N<br>78°01'48" E   | 7.19          | 2.4       | 28.0       | 90.0       | 535        | 355        | -          | 28×10 <sup>2</sup>           | 17×10 <sup>2</sup>            |
|        |                                  | 29.11.2023    | DS     | Barafutta                         | 30°8'19.9" N<br>78°7'49.8" E | 7.36          | 5.6       | 2.8        | 8.0        | 441        | 293        | -          | 350                          | 220                           |
| 5      | Kalyani                          | 21.11.2023    | US     | Pantnagar Ind. Area Rudrapur      | 29°01'44" N<br>79°24'28" E   | 7.8           | 5.4       | 2.7        | 16         | 404        | 276        | 18         | 540                          | 350                           |
|        |                                  | 21.11.2023    | DS     | Rampura ground Rudrapur           | 28°57'52" N<br>79°24'08" E   | 7.6           | 1.0       | 38         | 288        | 612        | 410        | 112        | 14×10 <sup>2</sup>           | 920                           |
| 6      | Kosi                             | 20.11.2023    | US     | Bajpur bridge Sultanpur patti     | 28°09'32" N<br>79°02'19" E   | 7.7           | 7.2       | 2.6        | 16         | 369        | 250        | 24         | 170                          | 140                           |
|        |                                  | 20.11.2023    | DS     | Bypass bridge pattikalan          | 29°04'31" N<br>79°02'24" E   | 7.5           | 7.0       | 2.8        | 20         | 395        | 267        | 27         | 1600                         | 920                           |
| 7      | Pilakhar                         | 20.11.2023    | US     | Bajpur                            | 29°10'21" N<br>79°08'44" E   | River was dry |           |            |            |            |            |            |                              | 11×10 <sup>2</sup>            |
|        |                                  | 20.11.2023    | DS     | Rampur (U.P.)                     | 29°12'12" N<br>78°58'42" E   | 7.4           | 3.0       | 14         | 128        | 562        | 378        | 43         | 17×10 <sup>2</sup>           |                               |
| 8      | Nandhour                         | 21.11.2023    | US     | Sitarganj                         | 29°04'36" N<br>79°41'36" E   | 7.9           | 7.4       | 2.0        | 8          | 194        | 131        | 16         | 540                          | 350                           |
|        |                                  | 21.11.2023    | DS     | Nandhor Bridge, Sitarganj         | 28°55'149" N<br>79°44'38" E  | 7.7           | 7.1       | 2.7        | 16         | 305        | 197        | 28         | 17×10 <sup>2</sup>           | 11×10 <sup>2</sup>            |
| 9      | Ganga                            | 01.11.2023    | US     | Bindughat Dudhiyaban              | 29.970608°N-<br>78.183854°E  | 7.46          | 8.1       | 1.4        | 8.0        | 278        | 177        | -          | 140                          | 79                            |
|        |                                  | 01.11.2023    | DS     | Sultanpur                         | 29.699043°N<br>-78.166559°E  | 7.95          | 7.9       | 1.6        | 9.0        | 276        | 180        | -          | 110                          | 70                            |

| Status of release of E-flow as per MoWR, RD&GR order dated 09.10.2018 from the Hydro projects (> 25 MW) situated in the river/tributary of Ganga river basin in the State of Uttarakhand<br>(November 2023) |                                           |               |               |             |        |        |                                  |                                   |                          |                      |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------|---------------|-------------|--------|--------|----------------------------------|-----------------------------------|--------------------------|----------------------|--------|
| 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 | Dry    | Nov-23 | 3.48                             | 15.99                             | 3.49                     | 21.81%               |        |
| 2                                                                                                                                                                                                           | Srinagar HEP                              | 330           | Pauri Garhwal | GVK         | Dry    | Nov-23 | 44.51                            | 156.89                            | 13.10                    | 8.35%                |        |
| 3                                                                                                                                                                                                           | Singoli Bhatwari HEP                      | 99            | Rudraprayag   | L&T         | Dry    | Nov-23 | 5.60                             | 23.12                             | 6.26                     | 27.07%               |        |
| 4                                                                                                                                                                                                           | (Tehri Dam + Koteswar Dam)                | (1000 + 400)  | Tehri         | THDCIL      | Dry    | Nov-23 | 16.06                            | 74.00                             | 187.03                   | 252.73%              |        |
| 5                                                                                                                                                                                                           | Tiloth Power Station (Maneri Dam)         | 3 x 30 = 90   | Uttarkashi    | UJVNL       | Dry    | Nov-23 | 11.06                            | 48.51                             | 11.07                    | 22.82%               |        |
| 6                                                                                                                                                                                                           | Dharasu Power Station (Joshiyara Barrage) | 4 x 76 = 304  | Uttarkashi    | UJVNL       | Dry    | Nov-23 | 13.76                            | 56.06                             | 14.41                    | 25.70%               |        |
| 7                                                                                                                                                                                                           | Chilla Power Station                      | 4 x 36 = 144  | Pauri Garhwal | UJVNL       | Dry    | Nov-23 | 97.73                            | 436.15                            | 106.96                   | 24.52%               |        |
| * As per MoWR RD&GR order dated 09.10.2018 20%, 25% and 30% of monthly average flow observed during each of preceding 10-daily period                                                                       |                                           |               |               |             |        |        |                                  |                                   |                          |                      |        |

**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**  
**(November 2023)**

| S.No | Name of Hydro Power Project             | Capacity (MW) | District    | Developer | Months | E-Flow Norms*                           | Compliance of e-flow notification |                          |                      | Remark |
|------|-----------------------------------------|---------------|-------------|-----------|--------|-----------------------------------------|-----------------------------------|--------------------------|----------------------|--------|
|      |                                         |               |             |           |        |                                         | Average lean season flow (Cumecs) | E-Flow Released (Cumecs) | % of E-Flow released |        |
| 1    | Dhauliganga HEP                         | 280           | Pithoragarh | NHPC      | Nov-23 | Minimum 15% of Average Lean Season flow | 4.00                              | 4.34                     | 108.50%              |        |
| 2    | Tanakpur                                | 120           | Champawat   | NHPC      | Nov-23 |                                         | 164.00                            | 25.00                    | 15.24%               |        |
| 3    | Dakpathar Barrage (Dhalipur + Dhakrami) | (51 + 33.75)  | Dehradun    | UJVNL     | Nov-23 |                                         | 67.71                             | 11.33                    | 16.73%               |        |
| 4    | Kulhal                                  | 30            | Dehradun    | UJVNL     | Nov-23 |                                         | 13.03                             | 2.83                     | 21.72%               |        |
| 5    | Ichadi Dam (Chibro + Khodri)            | (240 + 120)   | Dehradun    | UJVNL     | Nov-23 |                                         | 72.46                             | 11.37                    | 15.69%               |        |

\* 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, 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.

**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**  
**(November 2023)**

| 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         | Nov-23 | Minimum 15% of Average Lean Season flow | 1.47                              | 1.96                     | 133.33%              |        |
| 2     | Gangani                        | 8             | Uttarkashi    | Regency Gangani Energy  | Nov-23 |                                         | 5.10                              | 1.84                     | 36.08%               |        |
| 3     | Badyar                         | 4.9           | Uttarkashi    | Regency Yamuna Energy   | Nov-23 |                                         | 1.30                              | 0.56                     | 43.08%               |        |
| 4     | Sarju-II                       | 0             | Bageshwar     | Uttar Bharat Hydro      | Nov-23 |                                         | 2.01                              | 0.31                     | 15.42%               |        |
| 5     | Sarju-III                      | 10.5          | Bageshwar     | Uttar Bharat Hydro      | Nov-23 |                                         | 4.06                              | 0.63                     | 15.52%               |        |
| 6     | Motighat                       | 5             | Pithoragarh   | Himalya Hydro (P) Ltd.  | Nov-23 |                                         | 3.04                              | 0.71                     | 23.36%               |        |
| 7     | Tanga                          | 5             | Pithoragarh   | Himalya Hydro (P) Ltd.  | Nov-23 |                                         | 3.04                              | 0.71                     | 23.36%               |        |
| 8     | Galogi SHP                     | 3.5 MW        | Dehradun      | UJVNL                   | Nov-23 |                                         | 0.38                              | 0.07                     | 18.42%               |        |
| 9     | Ram Prasad Nautiyal, Dunao SHP | 1.5 MW        | Pauri Garhwal | UJVNL                   | Nov-23 |                                         | 2.16                              | 0.38                     | 17.59%               |        |
| 10    | Rajwakti                       | 3.6           | Chamoli       | Him Urja                | Nov-23 |                                         | 8.71                              | 2.06                     | 23.65%               |        |
| 11    | Vanala                         | 1.5           | Chamoli       | Him Urja                | Nov-23 |                                         | 7.41                              | 1.82                     | 24.56%               |        |
| 12    | Debal                          | 5             | Chamoli       | Chamoli Hydro           | Nov-23 |                                         | 2.50                              | 1.48                     | 59.20%               |        |
| 13    | Agunda Thuti                   | 3             | Tehri         | Gunsola Hydro           | Nov-23 |                                         | 2.88                              | 0.44                     | 15.28%               |        |
| 14    | Bhilangana                     | 22.5          | Tehri         | Swasti Power            | Nov-23 |                                         | 13.08                             | 3.10                     | 23.70%               |        |
| 15    | Bhilangana- III                | 24            | Tehri         | Bhilangna Hydro Power   | Nov-23 |                                         | 9.30                              | 1.94                     | 20.86%               |        |
| 16    | Brahigangna                    | 7.2           | Chamoli       | Brahigangna Hydro Power | Nov-23 |                                         | 2.70                              | 2.68                     | 99.26%               |        |
| 17    | Pilangad SHP                   | 2.25          | Uttarkashi    | UJVNL                   | Nov-23 |                                         | 2.87                              | 1.68                     | 58.54%               |        |
| 18    | Urgan SHP                      | 3             | Chamoli       | UJVNL                   | Nov-23 |                                         | 2.29                              | 2.29                     | 100.00%              |        |
| 19    | Kaliganga -I SHP               | 4             | Rudraprayag   | UJVNL                   | Nov-23 |                                         | 1.83                              | 0.39                     | 21.31%               |        |
| 19    | Kaliganga -II SHP              | 4.5           | Rudraprayag   | UJVNL                   | Nov-23 | 6.40                                    | 1.37                              | 21.41%                   |                      |        |

\* 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 (STP's) for the Month of November 2023**

| S.No. | Name of the Sewage Treatment Plant (With Capacity )                                           | Sampling Point                                                                                                                                                                                                 |     |     |               |     |     |                |
|-------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----|---------------|-----|-----|----------------|
|       |                                                                                               | Inlet of STP                                                                                                                                                                                                   |     |     | Outlet of STP |     |     |                |
|       |                                                                                               | pH                                                                                                                                                                                                             | BOD | TSS | pH            | BOD | TSS | Fecal Coliform |
| 1     | 0.010 MLD STP Near Temple at Badrinath.<br>(Operated by: Uttarakhand Jal Sansthan)            | As the area around the STP comes under Master Plan so the demolition of structure work around the STP was in progress and the STP was non-operation due to the same reason. (Date of inspection: -07-11-2023). |     |     |               |     |     |                |
| 2     | 0.26 MLD STP Near Bamni Gaon, Badrinath.<br>(Operated by: Uttarakhand Jal Sansthan)           | 6.60                                                                                                                                                                                                           | 160 | 165 | 7.33          | 9.6 | 13  | 220            |
| 3     | 1.0 MLD STP Near Suspension Bridge, Badrinath.<br>(Operated by: Uttarakhand Jal Sansthan)     | 6.72                                                                                                                                                                                                           | 170 | 173 | 7.50          | 9.2 | 11  | 150            |
| 4     | 2.70 MLD STP at Marwari, Joshimath.<br>(Operated by: Uttarakhand Peyjal Nigam)                | 7.21                                                                                                                                                                                                           | 110 | 113 | 7.39          | 8.4 | 10  | 120            |
| 5     | 1.080 MLD STP at Pokhri, Joshimath.<br>(Operated by: Uttarakhand Jal Sansthan)                | STP found Non-Operational at the time of inspection as no effluent was reaching to the plant. (Date of Inspection: 06-11-2023).                                                                                |     |     |               |     |     |                |
| 6     | 0.760 MLD STP Near Alaknanda Ghat, Chamoli.<br>(Operated by: Uttarakhand Jal Sansthan)        | STP was found closed and non-operational at the time of visit. (Date of inspection: 16-11-2023).                                                                                                               |     |     |               |     |     |                |
| 7     | 0.050 MLD STP Near old Suspension Bridge ,Chamoli.<br>(Operated by: Uttarakhand Jal Sansthan) | STP was found closed and non-operational at the time of visit. (Date of inspection: 16-11-2023).                                                                                                               |     |     |               |     |     |                |
| 8     | 1.190 MLD STP at Vivekanand Colony, Gopeshwar.<br>(Operated by: Uttarakhand Jal Sansthan)     | 6.86                                                                                                                                                                                                           | 165 | 163 | 7.28          | 8.8 | 10  | 130            |
| 9     | 1.120 MLD STP at Baitami, Gopeshwar.<br>(Operated by: Uttarakhand Jal Sansthan)               | 6.70                                                                                                                                                                                                           | 150 | 148 | 7.04          | 9.2 | 11  | 170            |
| 10    | 1.25 MLD STP at Pokhri Band, Gopeshwar.<br>(Operated by: Uttarakhand Jal Sansthan)            | 6.88                                                                                                                                                                                                           | 165 | 162 | 7.26          | 8.8 | 10  | 350            |
| 11    | 0.050 MLD STP at Sangam Road, Nandprayag.<br>(Operated by: Uttarakhand Jal Sansthan)          | STP was found closed and non-operational at the time of visit. (Date of inspection: 17-11-2023).                                                                                                               |     |     |               |     |     |                |
| 12    | 0.100 MLD STP at Forest Office, Nandprayag<br>(Operated by: Uttarakhand Jal Sansthan)         | 6.90                                                                                                                                                                                                           | 130 | 128 | 7.17          | 8.4 | 08  | 120            |
|       |                                                                                               | STP found operational but due to overflow untreated effluent was partially discharged into Nandakini River. (Date of inspection: 17-11-2023).                                                                  |     |     |               |     |     |                |
| 13    | 0.050 MLD STP Near Police Chowki, Karanprayag.<br>(Operated by: Uttarakhand Jal Sansthan)     | 7.02                                                                                                                                                                                                           | 125 | 122 | 7.30          | 8.8 | 09  | 220            |
| 14    | 0.100 MLD STP Near Purana Pull, Karanprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)       | 6.70                                                                                                                                                                                                           | 160 | 164 | 7.14          | 9.2 | 11  | 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 | Fecal Coliform |
| 15    | 0.100 MLD STP at Ward no. 1&3, Karanprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                     | 7.06                                                                                                                                     | 140 | 137 | 7.41                                                                                  | 8.4 | 08  | 140            |
| 16    | 0.050 MLD STP at Subhash Nagar, Karanprayag.<br>(Operated by: Uttarakhand Jal Sansthan)                    | 6.86                                                                                                                                     | 135 | 133 | 7.23                                                                                  | 8.0 | 08  | 130            |
| 17    | 0.050 MLD STP Near Naya Pull, Karanprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                      | 6.39                                                                                                                                     | 150 | 148 | 7.04                                                                                  | 9.2 | 10  | 130            |
| 18    | 0.075 MLD STP Near Anoop Negi School, Rudraprayag.<br>(Operated by: Uttarakhand Jal Sansthan)              | STP is not in operation due to Damage of STP.                                                                                            |     |     |                                                                                       |     |     |                |
| 19    | 0.100 MLD STP, Near Rudra Complex, Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                 | 6.76                                                                                                                                     | 135 | 132 | 7.18                                                                                  | 8.4 | 09  | 220            |
| 20    | 0.075 MLD STP, Near Bus Stand, Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                     | 7.02                                                                                                                                     | 125 | 123 | 7.46                                                                                  | 8.8 | 10  | 130            |
| 21    | 0.100MLD STP, Near SBI & Maszid, Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                   | 6.31                                                                                                                                     | 140 | 136 | 7.18                                                                                  | 9.2 | 10  | 220            |
| 22    | 0.125 MLD STP, Near Steel Bridge & Syndicate Bank, Rudraprayag.<br>(Operated by: Uttarakhand Jal Sansthan) | 7.01                                                                                                                                     | 130 | 128 | 7.32                                                                                  | 8.8 | 09  | 210            |
| 23    | 0.050 MLD STP at Beleni Road, Near Steel Bridge, Rudraprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)   | 6.73                                                                                                                                     | 145 | 147 | 7.49                                                                                  | 9.2 | 10  | 220            |
| 24    | 3.5 MLD STP at Nursary Road, Srinagar.<br>(Operated by: Uttarakhand Peyjal Nigam)                          | 6.98                                                                                                                                     | 210 | 213 | 7.48                                                                                  | 8.4 | 09  | 94             |
| 25    | 1.0 MLD STP, Near ITI, Srinagar.<br>(Operated by: Uttarakhand Jal Sansthan)                                | 6.38                                                                                                                                     | 190 | 194 | 7.29                                                                                  | 9.6 | 12  | 170            |
| 26    | 0.075 MLD STP Near Junior High School, Srikot, Srinagar.<br>(Operated by: Uttarakhand Peyjal Nigam)        | 7.23                                                                                                                                     | 105 | 102 | 7.57                                                                                  | 8.0 | 08  | 170            |
|       |                                                                                                            | STP was operational but due to overflow untreated effluent was found discharging into Alaknanda River. (Date of Inspection: 18-11-2023). |     |     |                                                                                       |     |     |                |
| 27    | 0.050 MLD STP Near Tauliya Nala, Srikot, Srinagar.<br>(Operated by: Uttarakhand Peyjal Nigam)              | 7.04                                                                                                                                     | 110 | 108 | 7.43                                                                                  | 8.4 | 09  | 130            |
| 28    | 0.050 MLD STP, Near BRO Bridge, Kirtinagar.<br>(Operated by: Uttarakhand Jal Sansthan)                     | 6.32                                                                                                                                     | 155 | 158 | STP found Non-Operational due to electricity issue. (Date of Inspection: 18-11-2023). |     |     |                |
| 29    | 0.010 MLD STP, Near Temple, Kirtinagar.<br>(Operated by: Uttarakhand Jal Sansthan)                         | 6.59                                                                                                                                     | 150 | 154 | 7.04                                                                                  | 8.8 | 10  | 540            |

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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 | Fecal Coliform |
| 30    | 0.075 MLD STP at Devprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                      | 6.70           | 170 | 168 | 7.26          | 9.2  | 10  | 140            |
| 31    | 0.150 MLD STP at Devprayag.<br>(Operated by: Uttarakhand Peyjal Nigam)                      | 6.86           | 180 | 176 | 7.01          | 8.8  | 09  | 170            |
| 32    | 1.4 MLD STP at Pauri Road,<br>Devprayag.<br>(Operated by: Uttarakhand Jal Sansthan)         | 7.30           | 160 | 156 | 7.85          | 9.2  | 10  | 140            |
| 33    | 5.0 MLD STP at Bhagirathi Puram,<br>Tehri.<br>(Operated by: Uttarakhand Jal Sansthan)       | 6.83           | 170 | 173 | 7.46          | 8.8  | 10  | 170            |
| 34    | 2.0 MLD STP at Gyansu, Uttarkashi.<br>(Operated by: Uttarakhand Jal Sansthan)               | 6.72           | 220 | 224 | 7.11          | 10.0 | 13  | 920            |
| 35    | 1.0 MLD STP at Gangotri, Distt-<br>Uttarkashi.<br>(Operated by: Uttarakhand Jal Sansthan)   | 6.78           | 145 | 148 | 7.35          | 8.8  | 11  | 920            |
| 36    | 3.5 MLD STP at Tapovan, Rishikesh.<br>(Operated by: Uttarakhand Jal Sansthan)               | 6.95           | 200 | 205 | 7.49          | 9.2  | 12  | 220            |
| 37    | 3.0 MLD STP at Swargashram,<br>Rishikesh.<br>(Operated by: Uttarakhand Jal Sansthan)        | 6.85           | 210 | 214 | 7.47          | 10.0 | 13  | 170            |
| 38    | 26 MLD STP at Lakkarghat,<br>Rishikesh. (Operated by:<br>Uttarakhand Peyjal Nigam)          | 7.10           | 170 | 168 | 7.42          | 9.2  | 10  | 130            |
| 39    | 5.0 MLD STP at Chorpani, Rishikesh.<br>(Operated by: Uttarakhand Peyjal Nigam)              | 7.03           | 180 | 178 | 7.44          | 9.6  | 10  | 94             |
| 40    | 7.5 MLD STP at Chandreshwar<br>Nagar, Rishikesh.<br>(Operated by: Uttarakhand Peyjal Nigam) | 7.30           | 155 | 153 | 7.61          | 8.8  | 09  | 84             |
| 41    | 20 MLD STP at Motharawala-I,<br>Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)        | 7.32           | 160 | 164 | 7.68          | 9.6  | 13  | 94             |
| 42    | 20 MLD STP at Motharawala-II,<br>Dehradun. (Operated by:<br>Uttarakhand Jal Sansthan)       | 7.12           | 155 | 158 | 7.35          | 9.2  | 11  | 350            |
| 43    | 68 MLD STP at Kargi, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)                   | 7.27           | 170 | 174 | 7.88          | 9.2  | 12  | 140            |
| 44    | 0.42 MLD STP at Vijay Colony,<br>Dehradun. (Operated by:<br>Uttarakhand Jal Sansthan)       | 7.32           | 165 | 167 | 7.75          | 8.8  | 09  | 110            |
| 45    | 0.71 MLD STP Salawala, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)                 | 7.40           | 170 | 168 | 7.58          | 8.4  | 09  | 170            |
| 46    | 5.0 MLD STP at Indira Nagar,<br>Dehradun. (Operated by:<br>Uttarakhand Jal Sansthan)        | 7.33           | 160 | 164 | 7.68          | 8.8  | 11  | 170            |



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 | Fecal Coliform |
| 47    | 1.0 MLD STP at Jakhan, Dehradun.<br>(Operated by: Uttarakhand Jal Sansthan)            | 7.24           | 145 | 148 | 7.67          | 8.8  | 10  | 110            |
| 48    | 27 MLD STP at Jagjeetpur, Haridwar.<br>(Operated by: Uttarakhand Jal Sansthan)         | 6.74           | 260 | 248 | 7.38          | 9.2  | 10  | 63             |
| 49    | 18 MLD STP at Jagjeetpur, Haridwar.<br>(Operated by: Uttarakhand Jal Sansthan)         | 7.31           | 240 | 220 | 7.74          | 8.0  | 09  | 70             |
| 50    | 68 MLD STP at Jagjeetpur, Haridwar.<br>(Operated by: Uttarakhand Peyjal Nigam)         | 6.82           | 150 | 180 | 7.29          | 8.0  | 10  | 58             |
| 51    | 18 MLD STP at Sarai, Haridwar.<br>(Operated by: Uttarakhand Jal Sansthan)              | 6.88           | 220 | 200 | 7.64          | 9.2  | 10  | 70             |
| 52    | 14 MLD STP at Sarai, Haridwar.<br>(Operated by: Uttarakhand Peyjal Nigam)              | 6.78           | 200 | 225 | 7.81          | 9.6  | 09  | 94             |
| 53    | 33 MLD STP at Saliyar, Roorkee, Haridwar. (Operated by: Uttarakhand Jal Sansthan)      | 7.39           | 180 | 210 | 7.68          | 12.0 | 16  | 280            |
| 54    | 1.3 MLD STP at Landour (S), Mussoorie.<br>(Operated by: Uttarakhand Jal Sansthan)      | 6.55           | 165 | 163 | 7.05          | 9.6  | 10  | 350            |
| 55    | 3.12 MLD STP at Bhatta fall, Mussoorie.<br>(Operated by: Uttarakhand Jal Sansthan)     | 6.44           | 145 | 143 | 7.55          | 9.2  | 09  | 170            |
| 56    | 0.8 MLD STP at Landour (N), Mussoorie.<br>(Operated by: Uttarakhand Jal Sansthan)      | 7.41           | 165 | 162 | 8.17          | 9.2  | 10  | 110            |
| 57    | 1.2 MLD STP at Happy Valley, Mussoorie.<br>(Operated by: Uttarakhand Jal Sansthan)     | 7.04           | 175 | 178 | 7.71          | 10.0 | 12  | 540            |
| 58    | 0.9 MLD STP at Kurli Bazaar, Mussoorie.<br>(Operated by: Uttarakhand Jal Sansthan)     | 6.66           | 190 | 192 | 7.99          | 9.2  | 11  | 130            |
| 59    | 2.0 MLD STP Bakh, Almora, Distt-Almora. (Operated by: Uttarakhand Jal Sansthan)        | 6.81           | 248 | 302 | 7.86          | 24.0 | 30  | 84             |
| 60    | 0.45 MLD STP at Hari Nagar, Distt-Nainital.<br>(Operated by: Uttarakhand Jal Sansthan) | 6.58           | 280 | 340 | 7.30          | 14.0 | 18  | 150            |
| 61    | 0.80 MLD STP at Krishnapur, Distt-Nainital.<br>(Operated by: Uttarakhand Jal Sansthan) | 6.93           | 220 | 274 | 7.61          | 20.0 | 24  | 280            |
| 62    | 1.25 MLD STP at Bheemtal, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan)      | 6.75           | 340 | 412 | 7.22          | 28.0 | 35  | 170            |
| 63    | 1.25 MLD STP at Nirada, Distt-Pithoragarh. Operated by: Uttarakhand Peyjal Nigam)      | 7.10           | 275 | 340 | 7.60          | 16.0 | 19  | 120            |

UTTARAKHAND POLLUTION CONTROL BOARD  
Gaura devi Paryavaran Bhawan  
46-B, SIDCUL, IT Park, Sahashtradhara Road  
DEHRADUN (Uttarakhand)



उत्तराखण्ड प्रदूषण नियंत्रण बोर्ड  
गौरा देवी पर्यावरण भवन  
46-बी, सिडकुल, आई.टी. पार्क, सहस्त्रधारा रोड़,  
देहरादून (उत्तराखण्ड)

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  | Fecal Coliform |
| 64                                                                       | 5.0 MLD STP at Aincholi, Distt-Pithoragarh. (Operated by: Uttarakhand Peyjal Nigam)            | 7.28                                                                         | 228 | 284 | 7.37          | 12.0 | 15   | 170            |
| 65                                                                       | 1.5 MLD STP at Puchdi, Ramnagar, Nainital. (Operated by: Uttarakhand Jal Sansthan)             | 7.30                                                                         | 180 | 222 | 7.58          | 9.0  | 10   | 94             |
| 66                                                                       | 7.0 MLD STP Transport Nagar, Ramnagar, Distt-Nainital. (Operated by: Uttarakhand Jal Sansthan) | 7.17                                                                         | 240 | 308 | 7.72          | 6.0  | 08   | 84             |
| 67                                                                       | 0.45 MLD STP Narayan Nagar , Distt-Nainital . (Operated by: Uttarakhand Jal Sansthan)          | 6.95                                                                         | 205 | 254 | 7.29          | 26.0 | 32   | 210            |
| 68                                                                       | 28 MLD STP, Indra Nagar, Haldwani Distt- Nainital . (Operated by: Uttarakhand Peyjal Nigam)    | 6.62                                                                         | 360 | 436 | 7.68          | 28.0 | 36   | 350            |
| 69                                                                       | 10 MLD STP Rusi Pond , District-Nainital.                                                      | New Sewage Treatment Plant (STP) of 17.5 MLD capacity is under construction. |     |     |               |      |      |                |
| Sewage Treatment final effluent standards (As Notified by MoEF&CC).      |                                                                                                |                                                                              |     |     | 6.5-9.0       | 30   | <100 | <1000          |
| Note: All values are in mg/l except pH, Fecal coliform (MPN Per 100 ml). |                                                                                                |                                                                              |     |     |               |      |      |                |

Pramod Bhandari  
Pramod Bhandari 05/12/2023  
(Jr. Lab Assistant)

Pradeep Chauhan  
05/12/2023  
(Pradeep Chauhan)  
Lab Assistant

Amit Pokhriyal  
05/12/2023  
( Amit Pokhriyal )  
Environment Engineer