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Date 4/5/26

**HEAD OFFICE**  
**CHHATTISGARH ENVIRONMENT CONSERVATION BOARD**

**PARYAWAS BHAWAN, SECTOR- 19**  
**NAVA RAIPUR ATAL NAGAR, RAIPUR (C.G.)**  
Email - hocecb@gmail.com

No. 1056 / TECH / H.O. / CECB / 2026 Nava Raipur Atal Nagar, Raipur, Dated 30/4 / 2026  
To,

**Secretary,**  
Government of India,  
Ministry of Jal Shakti,  
Department of Water Resources,  
River Development & Ganga Rejuvenation,  
Shram Shakti Bhawan, Rafi Marg,  
**New Delhi - 110 001**

Sub. :- Submission of information by the states in the matter of Hon'ble NGT O.A. No. 673/2018.

Ref. :- 1. Minutes of the 1<sup>st</sup> meeting of Central Monitoring Committee held on 08/01/2020.  
2. Your letter no. D.O. No. Legal / OA / 673/ 2018/ NMCG / 2019 Dated 22/01/2020.

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With reference to your letter on the above subject, the compliance report of action plan prepared in the matter of Hon'ble NGT O.A. No. 673/2018 in prescribed format for the month of March, 2026 is enclosed with this letter for your information and necessary action please.

**Enclosed :- As above.**

**Member Secretary**

Chhattisgarh Environment Conservation Board  
Nava Raipur Atal Nagar, Raipur (C.G.)

Endt. No. / TECH/ H.O./CECB /2026 Nava Raipur Atal Nagar, Raipur, Dated: / / 2026

Copy to :-

1. Secretary, Govt. of Chhattisgarh, Housing and Environment Department, Mantralaya, Mahanadi Bhawan, Nava Raipur Atal Nagar for information please.
2. Member Secretary, Central Pollution Control Board, 'Parivesh Bhawan' C.B.D.Cum-Office Complex, East Arjun Nagar, Shahdara, Delhi for information please.

**Member Secretary**

Chhattisgarh Environment Conservation Board  
Nava Raipur Atal Nagar, Raipur (C.G.)



**Monthly Progress Report for the month of March, 2026 in the  
matter of Hon'ble NGT OA No. 673 of 2018 order Dated  
24/09/2020 for the State of Chhattisgarh**

**Overall status of the State**

- I. **Total Population** : Urban population – 57.17 Lakhs (as per 2011 census)  
Current estimated urban population – 77.8 Lakhs  
Rural population – 1,96,07,961 (as per 2011 census)
- II. **Estimated Sewage Generation (MLD)** : 742.7 MLD
  - a. In the state of Chhattisgarh having 192 ULBs, sewerage network is only available in 01 ULB i.e., Bilaspur Municipal Corporation. There are 04 functional STPs in Bilaspur with total capacity of 78.0 MLD. In addition to that, 2 STPs are under construction with a combined capacity of 16.0 MLD. As there is no sewerage system in other ULBs of the State, the sewage generations have been calculated considering the sewage flow in the major drains of the ULBs. Raipur Municipal Corporation has developed 04 STPs of combined capacity 206 MLD based on SBR technology at Chandandih – 75 MLD, Kara – 35 MLD, Nimora – 90 MLD and Bhatagaon – 6 MLD near River Kharun to treat the waste water from 17 major drains of 70 wards of Raipur. In Kawardha, one STP of 2.1 MLD capacity is operational at Mini Mata Chowk. State has developed 04 STPs of 63.2 MLD capacity under AMRUT mission in Raigarh, Rajnandgaon & Jagdalpur and 07 STPs of 58.2 MLD capacity from the state budget in Nawapara, Rajim, Dhamtari & Nava Raipur. State is developing 01 STP of 33.0 MLD capacity in co-ordination with M/s NTPC at Korba.
  - b. The state has developed about 828 MLD capacity of STP for the treatment of used water from the urban households through
    - i. 25 Operational STPs (458.3 MLD),
    - ii. 03 Under Construction STPs (26 MLD) and
    - iii. 13 STPs (343.7 MLD) under planning stage.
  - c. In Chhattisgarh, most of the urban households depend on on-site sanitation systems such as Septic Tanks, Pits latrines and twins pits. So, all ULBs have established Faecal sludge treatment facility for the treatment for the treatment of septage generated from the households of the ULBs. A total number of 160 ULBs have Faecal Sludge Treatment Plants (FSTP) based on Low-cost gravity based planted drying beds for the treatment of black water generated in these ULBs. The 10 ULBs namely Raipur, Raigarh, Bilaspur, Durg, Risali, Bhilai, Korba, Jagdalpur, Kawardha and Kirodimal Nagar are using nearby STPs for co-treatment of septage.
  - d. 04 STPs in ULBs namely Sakti (4.0 MLD), Shivrinarayan (2.2 MLD), Dantewada (2.8 MLD) and Chandrapur (1.7 MLD) are proposed under state budget and STPs in 05 AMRUT cities namely Durg (77.0 MLD), Bhilai (150 MLD), Korba (33.0 MLD) and Ambikapur (32.0 MLD) and Rajnandgaon (41.0 MLD) are proposed under AMRUT budget, which will

further reduce the gap and strengthen the waste water management facilities in the State of Chhattisgarh.

- e. Therefore, there is zero gap in wastewater management in Urban areas of Chhattisgarh and the total sewage & septage generated from all the households of the ULBs is being treated by the STPs and FSTPs respective.

### **III. Details of Sewage Treatment Plant**

- **No. of Operational STPs and Treatment Capacity (in MLD) : 25 STPs with total treatment capacity of 458.3 MLD**
- **Capacity Utilization of existing STPs: 297.15 MLD.**
- **No. of Under Construction STPs and Treatment Capacity (in MLD): 03 STPs with total treatment capacity of 26 MLD.**
- **No. of Proposed STPs and Treatment Capacity (in MLD): 13 STPs with total treatment capacity of 343.7 MLD.**
- **MLD of sewage being treated through Alternate technology: 160 ULBs are having FSTPs (Low-cost gravity based Planted Drying Bed) and in 09 ULBs treatment of faecal sludge from septic tank is done through co-treatment with STPs.**
- **Gap in Treatment Capacity in MLD : 445.55 MLD**
- **No. of Operational STPs : 25**
- **No. of Complying STPs : 25**
- **No. of Non-complying STPs : 0**

**Details of each operational STPs in the State**

| No.          | Location                    | Existing STP Capacity | Capacity Being Utilization | Operational Status of STP | Compliance Status of STP |
|--------------|-----------------------------|-----------------------|----------------------------|---------------------------|--------------------------|
| 1.           | Chilhathi (Bilaspur)        | 17 MLD                | 13.39 MLD                  | Operational               | Complied                 |
| 2.           | Domuhani (Bilaspur)         | 54 MLD                | 21.89 MLD                  | Operational               | Complied                 |
| 3.           | Koni C (Bilaspur)           | 6.0 MLD               | 2.17 MLD                   | Operational               | Complied                 |
| 4.           | Pachrighat (Bilaspur)       | 1.0 MLD               | 1.0 MLD                    | Operational               | Complied                 |
| 5.           | Mini Mata Chowk (Kawardha)  | 2.1 MLD               | 1.8 MLD                    | Operational               | Complied                 |
| 6.           | Bhatagaon (Raipur)          | 6.0 MLD               | 6.0 MLD                    | Operational               | Complied                 |
| 7.           | Kara (Raipur)               | 35 MLD                | 35 MLD                     | Operational               | Complied                 |
| 8.           | Nimora (Raipur)             | 90 MLD                | 78.58 MLD                  | Operational               | Complied                 |
| 9.           | Chandandih (Raipur)         | 75 MLD                | 40.70 MLD                  | Operational               | Complied                 |
| 10.          | Banjipali (Raigarh)         | 25 MLD                | 23.35 MLD                  | Operational               | Complied                 |
| 11.          | Bade Atarmoda (Raigarh)     | 7.0 MLD               | 6.19 MLD                   | Operational               | Complied                 |
| 12.          | Balikota (Jagdalpur)        | 25 MLD                | 14.5 MLD                   | Operational               | Complied                 |
| 13.          | Mohad (Rajnandgaon)         | 6.2 MLD               | 4.5 MLD                    | Operational               | Complied                 |
| 14.          | Nawapara                    | 7.6 MLD               | 2.8 MLD                    | Operational               | Complied                 |
| 15.          | Rajim                       | 2.8 MLD               | 1.2 MLD                    | Operational               | Complied                 |
| 16.          | Dhamtari                    | 19.6 MLD              | 4.5 MLD                    | Operational               | Complied                 |
| 17.          | Nava Raipur-Zone 2          | 10 MLD                | 2.1 MLD                    | Operational               | Complied                 |
| 18.          | Nava Raipur-Zone 3          | 7.0 MLD               | 0.7 MLD                    | Operational               | Complied                 |
| 19.          | Nava Raipur-Zone 4          | 10.0 MLD              | 4.0 MLD                    | Operational               | Complied                 |
| 20.          | Nava Raipur-Zone Sector 19  | 1.2 MLD               | 1.2 MLD                    | Operational               | Complied                 |
| 21.          | Bhilai Steel Plant (Bhilai) | 30 MLD                | 26 MLD                     | Operational               | Complied                 |
| 22.          | Kirodimalnagar              | 5 MLD                 | 1 MLD                      | Operational               | Complied                 |
| 23.          | Kanker                      | 7.7 MLD               | 3.13 MLD                   | Operational               | Complied                 |
| 24.          | Simga                       | 2.8 MLD               | 0.7 MLD                    | Operational               | Complied                 |
| 25.          | Champa                      | 5.3 MLD               | 0.75 MLD                   | Operational               | Complied                 |
| <b>Total</b> |                             | <b>458.3 MLD</b>      | <b>297.15 MLD</b>          | <b>Operational</b>        |                          |



**Details of under construction STP in 02 ULBs covering 100% catchment of 06 polluted river stretches of the State**

| No.          | Location                   | Capacity of the plant in MLD | Physical Progress in %                       | Status of I&D or House sewer connections | Completion Timeline | Remark                                            |
|--------------|----------------------------|------------------------------|----------------------------------------------|------------------------------------------|---------------------|---------------------------------------------------|
| 1.           | Nava Raipur-Zone 1(Raipur) | 10 MLD                       | 98% completed.<br>(Stay order by High Court) | 50%                                      | -                   | Work of Balance Sewage Network is under progress. |
| 2.           | Mangla B (Bilaspur)        | 10 MLD                       | 80% completed                                | 0%                                       | 31/05/2026          | Work in progress                                  |
| 3.           | Mangla D (Bilaspur)        | 6 MLD                        | 100% completed                               | 0%                                       | 31/12/2025          | Under trail run                                   |
| <b>TOTAL</b> |                            | <b>26 MLD</b>                | <b>-</b>                                     |                                          |                     | <b>-</b>                                          |

### **Detail of other under construction/proposed STPs in the State**

| Sr. No. | Location             | Plant Capacity in MLD | Current Status                                             | Expected Completion Timeline                                    |
|---------|----------------------|-----------------------|------------------------------------------------------------|-----------------------------------------------------------------|
| 1       | Sakti                | 4.0 MLD               | 5 <sup>th</sup> call of tender is invited Dated 08/04/2026 | Under Tendering Process, ECT : 2 Year from date of Tender Award |
| 2       | Dantewada            | 2.8 MLD               |                                                            |                                                                 |
| 3       | Shivrinarayan        | 2.2 MLD               | 4 <sup>th</sup> call of tender is invited Dated 15/12/2025 |                                                                 |
| 4       | Chandrapur           | 1.7 MLD               |                                                            |                                                                 |
| 5       | Durg (Zone 1)        | 47.0 MLD              | Work Order Issued Dated 04/12/2025                         | ECT: 27 Months form date of contract Award                      |
| 6       | Durg (Zone 2)        | 30.0 MLD              |                                                            |                                                                 |
| 7       | Bhilai               | 150 MLD               | Work order issued Dated 10/07/2025                         | ECT: 27 Months form date of contract Award                      |
| 8       | Korba                | 33 MLD                | Work order issued Dated 05/08/2025                         | ECT: 27 Months form date of contract Award                      |
| 9       | Ambikapur (STP 1)    | 2.0 MLD               | Work order issued Dated 23/07/2025                         | ECT: 27 Months form date of contract Award                      |
| 10      | Ambikapur (STP 2)    | 14.0 MLD              |                                                            |                                                                 |
| 11      | Ambikapur (STP 3)    | 16.0 MLD              |                                                            |                                                                 |
| 12      | Rajnandgaon (Zone 1) | 15.0 MLD              | Work order issued Dated 31/07/2025                         | ECT: 27 Months form date of contract Award                      |
| 13      | Rajnandgaon (Zone 2) | 26.0 MLD              |                                                            |                                                                 |
|         | Total                | 343.7 MLD             |                                                            |                                                                 |

| Polluted River Stretches wise STPs Status |                                                                                       |             |                      |              |                                                                                       |                                                       |
|-------------------------------------------|---------------------------------------------------------------------------------------|-------------|----------------------|--------------|---------------------------------------------------------------------------------------|-------------------------------------------------------|
| Name of the polluted River                | Polluted Stretch as per CPCB Report, 2025                                             | ULB Name    | STP Location         | STP capacity | Status of STPs                                                                        | Expected Completion Timeline                          |
| River Kharoon (Priority-II) River stretch | River Kharoon from before confluence to after confluence of Khapri Nalah              | Raipur      | Bhatagaon            | 6.0 MLD      | Operational                                                                           | Completed                                             |
|                                           |                                                                                       |             | Kara                 | 35.0 MLD     |                                                                                       |                                                       |
|                                           |                                                                                       |             | Nimora               | 90.0 MLD     |                                                                                       |                                                       |
|                                           |                                                                                       |             | Chandandih           | 75.0 MLD     |                                                                                       |                                                       |
|                                           |                                                                                       | Nava Raipur | Zone 2               | 10.0 MLD     | Operational                                                                           | Completed                                             |
|                                           |                                                                                       |             | Zone 3               | 7.0 MLD      |                                                                                       |                                                       |
|                                           |                                                                                       |             | Sector 19            | 1.2 MLD      |                                                                                       |                                                       |
|                                           |                                                                                       |             | Zone 4               | 10.0 MLD     |                                                                                       |                                                       |
|                                           |                                                                                       |             | Zone 1               | 10.0 MLD     | Under Construction                                                                    | Stay by Hon'ble High Court, Bilaspur                  |
|                                           |                                                                                       | Dhamtari    | Mujgahan             | 19.6 MLD     | Operational                                                                           | Completed                                             |
| River Arpa (Priority-IV)                  | River Arpa downstream of Bilaspur city at check dam outlet near Deori Khurd, Bilaspur | Bilaspur    | Chilhati             | 17 MLD       | Operational                                                                           | Completed                                             |
|                                           |                                                                                       |             | Domuhani             | 54 MLD       | Operational                                                                           | Completed                                             |
|                                           |                                                                                       |             | Mangla B             | 10 MLD       | Under Construction                                                                    | 31/05/2026                                            |
|                                           |                                                                                       |             | Mangla D             | 6 MLD        | Under Trail Run                                                                       | 31/12/2025                                            |
|                                           |                                                                                       |             | Koni C               | 6 MLD        | Operational                                                                           | Completed                                             |
|                                           |                                                                                       |             | Pachrighat           | 1 MLD        | Operational                                                                           | Completed                                             |
| River Kelo (Priority-V) River location    | River Kelo downstream Lhangapali bridge, Midmida village                              | Raigarh     | Banjipali            | 25.0 MLD     | Operational                                                                           | Completed                                             |
|                                           |                                                                                       |             | Bade Atarmoda        | 7.0 MLD      |                                                                                       |                                                       |
| River Hasdeo (Priority-V) River location  | River Hasdeo at upstream of Champa                                                    | Korba       | Pragati Nagar, Korba | 33.0 MLD     | Work Order issued on 05/08/2025 (AMRUT 2.0) Civil construction work has been started. | Work order, ETC: 27 month form date of Contract Award |
|                                           |                                                                                       | Champa      | Champa               | 5.3          | Operational                                                                           | Completed                                             |

|                                           |                                                                                |               |                           |         |                                                                                                                                 |                                                       |
|-------------------------------------------|--------------------------------------------------------------------------------|---------------|---------------------------|---------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
|                                           |                                                                                |               |                           | MLD     |                                                                                                                                 |                                                       |
| River Mahanadi (Priority-V) River stretch | River Mahanadi from Kharod to after Confluence River Mand                      | Kanker        | Kanker                    | 7.7 MLD | Operational                                                                                                                     | Completed                                             |
|                                           |                                                                                | Nawapara      | Nawapara                  | 7.6 MLD | Operational                                                                                                                     | Completed                                             |
|                                           |                                                                                | Rajim         | Rajim                     | 2.8 MLD | Operational                                                                                                                     |                                                       |
|                                           |                                                                                | Shivrinarayan | -                         | 2.2 MLD | Under tendering process (State Budget)                                                                                          |                                                       |
|                                           |                                                                                | Chandrapur    | -                         | 1.7 MLD |                                                                                                                                 |                                                       |
|                                           |                                                                                | Sakti         | -                         | 4.0 MLD |                                                                                                                                 |                                                       |
| River Seonath (Priority-IV) River stretch | River Seonath from Jhingari village, after confluence of Samoda nalla to Mohad | Rajnangaon    | Mohad                     | 6.2 MLD | Operational                                                                                                                     | Completed                                             |
|                                           |                                                                                |               | Mohara near Sindai Villag | 26 MLD  | Work Order issued on 31/07/2025 (AMRUT 2.0) Civil construction work has been started.                                           | Work order, ETC: 27 month form date of Contract Award |
|                                           |                                                                                |               | Kanharpuri near Parrinala | 15 MLD  |                                                                                                                                 |                                                       |
|                                           |                                                                                | Simga         | Simga                     | 2.8 MLD | Operational                                                                                                                     | Completed                                             |
|                                           |                                                                                | Bhilai        | Kachandur                 | 150 MLD | Work Order issued on 10/07/2025 (AMRUT 2.0) Civil construction work has been started.                                           | Work order, ETC: 27 month form date of Contract Award |
|                                           |                                                                                | Durg          | Urla                      | 47 MLD  | Work Order issued on 04/12/2025 (AMRUT 2.0) Site Survey completed, Design, Drawing approval, received, excavation work started. | Work order, ETC: 27 month form date of Contract Award |
|                                           |                                                                                |               | Pulgaon                   | 30 MLD  |                                                                                                                                 |                                                       |
|                                           |                                                                                |               | TOTAL                     |         |                                                                                                                                 | 731.1 MLD                                             |



#### IV. Details of Industrial Pollution :

- **No. of industries in the State :** 6475
- **No. of water polluting industries in the State :** 1065
- **No. of water polluting industries in the polluted river stretches :** 178
- **Quantity of effluent generated from the industries in polluted river stretches in MLD :** 132.42 MLD
- **Quantity of ETP Sludge generated from the Industries in TPD :** 138.5 kg per tonnes of production in plant where ETP has been provided
- **Number of industrial units having ETPs :** 1060
- **Number of industrial units connected to CETP :** There is no CETP is in the state of Chhattisgarh. All the water polluting industries have their own ETPs.
- **Compliance status of the ETPs :** All the ETPs which are operational are complying with the effluent standards.
- **Number and total capacity of CETPs (details of existing/ under construction / proposed) :** Presently there is no CETP is under construction.
- **Status of compliance and operation of the CETPs :** Not Applicable

| Town | No. of industries | Industrial discharge | Status of ETPs | Status of CETPs (existing, under construction & proposed) |
|------|-------------------|----------------------|----------------|-----------------------------------------------------------|
| NA   | NA                | NA                   | NA             | NA                                                        |

#### V. Solid Waste Management

- **Total number of Urban Local Bodies and their Population :** There are total of 192 Urban Local Bodies with a population of 57.17 Lakhs as per census 2011.
- **Current municipal solid waste generation :** 2600 TPD of solid waste is generated from 192 ULBs.
  - a. MSW Collected : 2494 TPD
  - b. MSW Processed : 2494 TPD
- **Number, installed capacity and utilization of existing MSW processing facilities in TPD (bifurcated by type of processing e.g.- Waste to Energy (Tonnage and Power Output), Compost Plants (Windrow, Vermi, decentralized pit composting), biometanation, MRF etc :**
- **In 167 ULBs (375 MRFs, 6277 decentralized composting unit) and in Raipur & Bilaspur ULBs (2 Integrated Solid Waste Management facility) are operational.**
  - a. Total Installed Treatment Capacity for Dry Waste Management : 2388 TPD
  - b. Total Installed Treatment Capacity for Wet Waste Management : 1945 TPD

#### Details of Solid Waste Management in Chhattisgarh

|          |                 |                              |                                                                            |                                                                 |                                                                        |
|----------|-----------------|------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------|
| 192 ULBs | 375 Nos. of MRF | 210 Nos. of Composting Sheds | 02 Nos. of Integrated Solid Waste Management facility in Raipur & Bilaspur | 96% Door to Door collection of waste in all 3255 wards of state | 169 C&D waste collection facility in existing SLRM centres of each ULB |
|----------|-----------------|------------------------------|----------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------|

- **Action plan to bridge gap between Installed Capacity and Current Utilization of processing facilities (if Gap > 20%) :** The MSW treatment facilities are designed considering future population growth of the ULBs and necessary infrastructures for proper solid waste management in 23 newly formed ULBs notified in the year 2023-25 will be developed within 3 years.
- **No. and capacity of C&D waste processing plants in TPD (existing, proposed and under construction) :** 65 TPD capacity at Raipur, 12 TPD capacity at Bilaspur and 20 TPD capacity at Korba Municipal corporation and 05 TPD capacity at Ambikapur Municipal corporation.
- **Total no. of wards, no. of wards having door to door collection service, no. of wards practicing segregation at source :** There are 3255 wards where door to door collection services and source segregation are being practiced.
- **Details of MSW treatment facilities proposed and under construction (no., capacity, and technology) :** MSW treatment facilities are constructed and operational in all the ULBs and there is no such MSW treatment facilities proposed or under construction at present.
- **No. and area (in acres) of uncontrolled garbage dumpsites and Sanitary Landfills :** NIL
- **No. and area (in acres) of legacy waste within 1km buffer of both sides of the rivers :**

| Sr. No. | River Name | ULB     | No. of Legacy waste dump site | Area of Legacy Waste | Expected Completion Timeline | Remarks         |
|---------|------------|---------|-------------------------------|----------------------|------------------------------|-----------------|
| 1       | Kharun     | Raipur  | 1                             | 28.85 Acre           | Completed                    | 100% Remediated |
| 2       | Kelo       | Raigarh | 1                             | 06.65 Acre           | Completed                    | 100% Remediated |
| 3       | Hasdeo     | Korba   | 1                             | 10.20 Acre           | Completed                    | 100% Remediated |

- **No. of drains falling into rivers and no. of drains having floating racks/screens installed to prevent solid waste from falling into the rivers:** 77 drains are falling into the 6 river stretches from 9 ULBs and a total of 138 screens are installed covering all the 6 rivers to prevent falling of solid waste into them.

**Status of ULB wise Management of Solid Waste Covering 100% catchment of 05 polluted river stretches of the State**

| ULB      | Total MSW generation in TPD | Total MSW being processed in TPD | Existing MSW Facilities (No.s) | Utilization Capacity of the existing MSW facilities | Proposed MSW Facilities & Completion Timeline                                                                                                                                     |
|----------|-----------------------------|----------------------------------|--------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Raipur   | 669.64 TPD                  | 669.64 TPD                       | 1 ISMM Facility                | 1200 TPD                                            | <b>Complied</b> MSW treatment facilities are construction and operational in all the ULBs and there is no such MSW treatment facilities proposed or under construction at present |
| Dhamtari | 22.84 TPD                   | 22.84 TPD                        | 11                             | 70 TPD                                              |                                                                                                                                                                                   |
| Raigarh  | 33.56 TPD                   | 33.56 TPD                        | 14                             | 77.2 TPD                                            |                                                                                                                                                                                   |
| Korba    | 142 TPD                     | 142 TPD                          | 23                             | 142 TPD                                             |                                                                                                                                                                                   |
| Kanker   | 8.1 TPD                     | 8.1 TPD                          | 4                              | 18.5 TPD                                            |                                                                                                                                                                                   |
| Nawapara | 11.83 TPD                   | 11.83 TPD                        | 4                              | 18.5 TPD                                            |                                                                                                                                                                                   |
| Rajim    | 4.67 TPD                    | 4.6 TPD                          | 2                              | 9.5 TPD                                             |                                                                                                                                                                                   |
| Simga    | 4.8 TPD                     | 4.8 TPD                          | 2                              | 9.9 TPD                                             |                                                                                                                                                                                   |
| Bilaspur | 260 TPD                     | 260 TPD                          | 18 MRF, 1 ISMM Facility        | 581.15 TPD                                          |                                                                                                                                                                                   |

**VI. Bio-medical Waste Management :-**

- **Total Bio-medical generation:** 11.115 Tonnes per day
- **No. of Hospitals and Health Care Facilities :** No. of Bedded Hospital 2498  
No. of Health Care Facilities 7230
- **Status of Treatment Facility/ CBMWTFs :** Out of 11.115 TPD of Bio-Medical Wastes, about 9.437 TPD wastes is being disposed off in the CBWTF operating in the State. Remaining wastes i.e. 1.710 TPD is disposed off in the premises of HCFs only.

02 new CBWTFs are to be established in the State. After their installation and commissioning all the Bio-Medical Wastes generated in the State is expected to be disposed off fully in the CBWTF itself only.

**Bastar :** Environmental Clearance and Consent to Establish issued for CBWTFs facility at Kondagaon, Bastar Division. Construction work of CBWTFs has stopped due to objection of local people. Now matter is in high Court.

**Raigarh:** CBWTFs facility has been installed and the authorization has been granted. Facility is in operation.



**Korba:** Public hearing was held on 13.03.2024 final EC is pending. IMA Korba has filed a writ WPC-1415 of 2024 date 11.03.2024. Court case is pending.

**VII. Hazardous Waste Management :**

- **Total Hazardous Waste generation per year :** 181864 Metric Tonnes
- **No. of Industries generating Hazardous waste :** 657
- **Treatment Capacity of all TSDFs :** NIL
- **Avg. Quantity of Hazardous waste reaching the TSDFs and Treated :** NIL
- **Details of on-going or proposed TSDF :** The setting-up of Common Hazardous Waste TSDF has been completed by Chhattisgarh State Industrial Development Corporation (CSIDC) under the guidance of Department of Commerce and Industry, Govt. of Chhattisgarh. The TSDF Facility is presently in operation.

**VIII. Plastic Waste Management**

- **Total Plastic Waste generation:** Approx. 140 TPD (Estimated).
- **Treatment/Measures adopted for reduction or management of plastic waste :** Recyclable plastic waste is being sold to authorized recycles and the non-recyclable plastic waste is being sent to Cement industries for co-processing in Cement Kiln.

**IX. Details of Alternate Treatment Technology being adopted by the State/UT :** FSTP based on Low-cost gravity based Planted Drying Bed technology are operational in all ULBs for treatment of Septage generated in the ULBs.

- X. Identification of polluting sources including drains contributing to river pollution and action as per NGT order on insitu treatment:** All the polluting sources under the ULB limits have been identified and installation of floating racks/screens to prevent solid waste from falling into the rivers has been done.

| <b>Progress by UAD</b> |                      |                                     |                                |
|------------------------|----------------------|-------------------------------------|--------------------------------|
| <b>ULB Name</b>        | <b>No. of Drains</b> | <b>No. of Drains having screens</b> | <b>No of screens Installed</b> |
| Raipur                 | 6                    | 6                                   | 29                             |
| Dhamtari               | 4                    | 4                                   | 7                              |
| Raigarh                | 12                   | 12                                  | 12                             |
| Korba                  | 19                   | 19                                  | 35                             |
| Kanker                 | 7                    | 7                                   | 7                              |
| Nawapara               | 7                    | 7                                   | 12                             |
| Rajim                  | 4                    | 4                                   | 4                              |
| Simga                  | 4                    | 4                                   | 4                              |
| Bilaspur               | 14                   | 14                                  | 28                             |
| <b>TOTAL</b>           | <b>77</b>            | <b>77</b>                           | <b>138</b>                     |

- XI. Details of Nodal Officer appointed by Chief Secretary in the State/UT :**
- The following Secretaries are responsible for the compliance of order dated 06/12/2019 in the matter of Hon'ble NGT 673/2018.
  - 1. Secretary, Agriculture Department
  - 2. Secretary, Urban Administration and Development
  - 3. Secretary, Department of Forest
  - 4. Secretary, Department of Water Resource
  - 5. Secretary, Department of Housing and Environment
  - 6. Secretary, Department of Home (Transport)
  - 7. Member Secretary, Chhattisgarh Environment Conservation Board.
  - Also, Chief Secretary has formed Implementation Cell in their office vide order dated 25/05/2019 for implementation of orders and action plans prepared.
- XII. Details of meetings carried under the Chairmanship Chief of Secretary in the State/UT: :**
- Chief Secretary takes review meeting of the secretaries of the concerned department from time to time.
- XIII. Latest water quality of polluted river, its tributaries, drains with flow details and ground water quality in the catchment of polluted river :**
- Attached as Annexure – 2.
- XIV. Ground water regulation:** State Government has adopted a unique scheme Narwa, Garuwa, Ghuruwa and Badi in which under the Narwa component Water Resource Department has proposed various structures on small and big nallahs of all the 146 blocks of the state for recharging ground water.
- **Good irrigation practices being adopted by the State:** Water Resource Department is encouraging practices for optimum utilization of irrigation water and adopting micro irrigation schemes which results in more crop per drop as per available resources.
  - An action plan has been prepared with the help of Agricultural Scientists. The use of water per hectare will be reduced by installation of drip in 1606 hectare area and sprinkler in 3800 hectare area in selected river stretches. Presently, 66.30 hectare area is covered by drip and 257.21 hectare area is covered by sprinkler system for different crops.



**XV. Rainwater Harvesting:**

| Progress by UAD |              |              |             |               |
|-----------------|--------------|--------------|-------------|---------------|
| ULB Name        | Target       | Completed    | In Progress | Timeline      |
| Raipur          | 10936        | 9670         | 1266        | March - 2026  |
| Dhamtari        | 866          | 755          | 111         | April - 2026  |
| Raigarh         | 994          | 744          | 250         | July - 2026   |
| Korba           | 1934         | 1772         | 162         | Jun- 2026     |
| Kanker          | 157          | 152          | 05          | May- 2026     |
| Nawapara        | 152          | 150          | 02          | Jun - 2026    |
| Rajim           | 293          | 285          | 8           | July - 2026   |
| Simga           | 185          | 115          | 70          | August - 2026 |
| Bilaspur        | 4685         | 3456         | 1229        | March - 2027  |
| <b>Total</b>    | <b>20202</b> | <b>17099</b> | <b>3103</b> | -             |

- Installation of rain water harvesting structure is under progress. Status of installation is as follows:-
- **By industries:** CECB has imposed condition regarding rain water harvesting by industries within their premises and the same is being followed by the concerned industries. Regular monitoring is being carried out for verification of the same. As per information available with CECB rain water harvesting system has been installed 425 large/medium industries and 1420 small scale industries. In addition, it has been decided to keep space (5% of total areas / minimum 05 plots) for rain water harvesting in future industrial areas.



**XVI. Demarcation of Floodplain and removal of illegal encroachments:**

| <b>Progress by UAD</b>       |                 |                                |                             |
|------------------------------|-----------------|--------------------------------|-----------------------------|
| <b>River Stetch</b>          | <b>ULB Name</b> | <b>Encroachment identified</b> | <b>Encroachment removed</b> |
| River Kharoon (Priority-IV)  | Raipur          | Nil                            | Nil                         |
|                              | Dhamtari        | Nil                            | Nil                         |
| River Kelo (Priority-V)      | Raigarh         | 14                             | 14                          |
| River Hasdeo (Priority-IV)   | Korba           | 8                              | 8                           |
| River Mahanadi (Priority-IV) | Kanker          | 1                              | 1                           |
|                              | Nawapara        | Nil                            | Nil                         |
|                              | Rajim           | Nil                            | Nil                         |
| River Seonath (Priority-IV)  | Simga           | 4                              | 4                           |
| River Arpa (Priority-IV)     | Bilaspur        | 36                             | 36                          |
| <b>TOTAL</b>                 |                 | <b>63</b>                      | <b>63</b>                   |

**XVII. Maintaining minimum e-flow of river :** There is no mandatory law specifying the level of e-flow to be maintained in the river. Water resource department is maintaining e-flow depending on the availability of water in the structure and conditional requirement. Also Water Resource Department had prepared standard operating procedures (SOP) for the five rivers Seonath, Mahanadi, Kharun, Kelo and Hasdeo for maintaining e-flow in the rivers and the same is being followed.

**XVIII. Plantation activities along the rivers :** The present status of plantation is as follows :-

**Hasdeo:** 6.50 hectare (7150 no. of plants) has been covered with plantation in Korba to Uрга river Stretch of Hasdeo.

**Kharun:** 141.160 hectare (248602 no. of plants) has been covered with plantation in Kharun river stretches.

**Mahanadi:** 13 hectare (14300 no. of plants) has been covered with plantation in Sihawa to Aarang river stretch.

**Kelo:** 8.50 hectare (16388 no. of plants) has been covered with plantation in Raigarh to Kankatora river Stretch.

**Seonath:** Area not available for plantation between Bemta to Simga river stretch of Seonath

| Progress by UAD                                         |          |                                               |                                    |
|---------------------------------------------------------|----------|-----------------------------------------------|------------------------------------|
| River Stretch                                           | ULB Name | Identified area (Flood zone) along the rivers | Plantation activities done by ULBs |
| River Kharoon<br>(Bhatagaon to Bendri)<br>(Priority-IV) | Raipur   | 10                                            | Nil                                |
|                                                         | Dhamtari | Nil                                           | Nil                                |
| River Kelo<br>(Raigarh to Kanakrora)<br>(Priority-V)    | Raigarh  | 1                                             | 7900                               |
| River Hasdeo<br>(Korba to Uрга) (Priority-IV)           | Korba    | 4                                             | 3600                               |
| River Mahanadi<br>(Sihawa to Aarang)<br>(Priority-IV)   | Kanker   | 5                                             | 250                                |
|                                                         | Nawapara | 6                                             | 1600                               |
|                                                         | Rajim    | 2                                             | 520                                |
| River Seonath<br>(Bemta to Simga)<br>(Priority-IV)      | Simga    | 2                                             | 50                                 |
| River Arpa (Bilaspur)<br>(Priority-IV)                  | Bilaspur | Nil                                           | Nil                                |
| <b>TOTAL</b>                                            |          | <b>30</b>                                     | <b>13920</b>                       |

- XIX. Development of biodiversity park on flood plains by removing encroachments :** Status of Identification and removal of encroachment from banks of the river is given above. After removal of all encroachments the plantation shall be done along the banks of the river.

**XX. Reuse of Treated Water :**

| Sr. No. | ULB Name                     | STP Name & Capacity | Nimae of Industries with whom MoU is signed/ Planned for Reuse of Treated water | MoU sign Date | If MoU not signed, then tentative date of MoU | Quantity of water Demanded by Industry as per MoU (MLD) | Quantity of water Supplied from STP (MLD) to the industry | Water Supply Start Date | Name of pending works, if any                                                                                                                                                                                                                                                      | Timeline for the completion of pending works |
|---------|------------------------------|---------------------|---------------------------------------------------------------------------------|---------------|-----------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| 1.      | Raipur Municipal Corporation | Nimora 90 MLD       | M/s. Alok Ferro Alloys Ltd                                                      | 19/06/2025    | -                                             | 3 MLD                                                   | 3 MLD                                                     | 26/01/2025              | <ul style="list-style-type: none"> <li>Regular pumping of water is started.</li> </ul>                                                                                                                                                                                             | -                                            |
|         |                              |                     | M/s. API Ispat & Power tech Pvt. Ltd.                                           | 23/05/2025    | -                                             | 5 MLD                                                   | -                                                         | -                       | <ul style="list-style-type: none"> <li>The Pipe – laying work is completed.</li> <li>Trail and testing of water supply is completed.</li> <li>Power connection from CSPDCL is underway which will be completed by 15<sup>th</sup> May 2026.</li> </ul>                             | May 2026                                     |
|         |                              |                     | M/s Adani Power Ltd.                                                            | 24/11/2025    | -                                             | 68 MLD                                                  | -                                                         | -                       | <ul style="list-style-type: none"> <li>RMC has preparer the Detailed Project Report (DPR) for Adani Power Ltd.</li> <li>A detailed presentation on the DPR and its provisions was conducted on 17 february 2026.</li> <li>The technical team of M/s Adani Power Ltd. is</li> </ul> | -                                            |



|    |                               |                                            |                                      |            |        |        |   |                                                                                                                                                                                                                                                                                                                                |               |
|----|-------------------------------|--------------------------------------------|--------------------------------------|------------|--------|--------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
|    |                               |                                            |                                      |            |        |        |   | currently reviewing the DPR and their comments and awaited.                                                                                                                                                                                                                                                                    |               |
|    | Kara 35 MLD                   | M/s. Maa Kudargathi power & Ispat Pvt. Ltd | 03/11/2023                           | -          | 2 MLD  | -      | - | Pipe alignment and design is being carried out by the industry                                                                                                                                                                                                                                                                 | June 2026     |
|    |                               | M/s. Vrajesh Steel Ltd                     | 02/01/2024                           | -          | 7 MLD  | -      | - |                                                                                                                                                                                                                                                                                                                                |               |
|    | Chandandih 75 MLD             | M/s. NSPCL, Bhilai                         | 24/05/2025                           | -          | 18 MLD | -      | - |                                                                                                                                                                                                                                                                                                                                |               |
|    |                               |                                            |                                      |            |        |        |   | <ul style="list-style-type: none"> <li>• RMC submitted the DPR to NSPCL on 13/10/2025.</li> <li>• Comments &amp; remarks received by NSPCL on 08/12/2025.</li> <li>• RMC submitted the justification to NSPCL on 26/12/2025.</li> <li>• The final decision is currently awaited by the Board of Direction of NSPCL.</li> </ul> | December 2026 |
| 2. | Korba Municipal Corporation   | Pragati Nagar 33 MLD                       | M/s. NTPC Korba                      | 29/04/2025 | -      | 20 MLD | - | STP construction work is under progress.                                                                                                                                                                                                                                                                                       | 15/06/2027    |
| 3. | Raigarh Municipal Corporation | Banjhiipali 25 MLD                         | M/s. NTPC Lara                       | -          | -      | -      | - | The discussion between ULB & the official of the industries is ongoing for having an MoU                                                                                                                                                                                                                                       | -             |
|    |                               | Bade Atarnoda 07 MLD                       | M/s. RR Energy Ltd M/s. Jindal Steel |            |        |        |   |                                                                                                                                                                                                                                                                                                                                |               |

- Raipur Municipal Corporation (RMC) has signed MoU on 19/06/2024 with industry M/s. Alok Ferro Alloys Ltd. For utilizing total 3 MLD treated water from Nimora STP for industrial purpose. The industry has started taking 3 MLD treated water from 90 MLD Nimora STP from 26/01/2025. The Final interconnection was completed on 14 November 2025 and Pump installation/commissioning work is completed on 05 December 2025. Now, regular pumping of water is started.
- RMC has signed MoU on 23/05/2025 with the industries M/s API Ispat & Powertech Pvt. LTD. for 5 MLD treated water to utilize from the 90 MLD Nimora STP. Pipe-laying work is completed and trial and testing of water supply is also completed. The power connection from CSPDCL is currently underway which will be completed by 15<sup>th</sup> May 2026 and the time of completion of other other pending works is May 2026.
- RMC has signed MoU on 24/11/2023 with the industry M/s Adani Power Ltd. for use of 68 MLD water from 90 MLD capacity STP at Nimora. RMC has prepared the Detailed Project Report (DPR) for M/s Adani Power Ltd. A detailed presentation on the DPR and its provisions was conducted on 17 february 2026. The technical team of M/s Adani Power Ltd. is currently reviewing the DPR and their comments are awaited.
- RMC has signed MoU on 03/11/2023 with M/s Maa Kudargarhi Industry for 2 MLD treated water and with M/s Vrajesh Steel Industry on 02/01/2024 for 7 MLD treated water from 35 MLD STP at Kara. pending work of pipe alignment and design is being carried out by the industry whose time of completion is June 2026.
- RMC has signed an MoU with NSPCL, Bhiali on 24/05/2025 to use 18 MLD treated water from the Chandandih STP. RMC submitted the DPR to NSPCL on 13 October 2025 comments and remarks were received from NSPCL on 08/12/2025. RMC submitted the justification to NSPCL on 26/12/2025. The final decision is currently awaited by the Board of Direction of NSPCL.
- Bilaspur Municipal corporation has identified M/s NTPC, sipat as a potential buyer of treated water from its two STPs and is currently in discussions with the concerning authority to sign an MoU with the industry.
- Korba Municipal Corporation (KMC) has signed an MoU with M/s. NTPC Korba from the 33 MLD STP pragati nagar Korba on 29/04/2025 to utilize 20 MLD treated water. The work of STP construction is under progress which will be completed by 15/06/2027.
- Raigarh Municipal Corporation and District collector, Raigarh had a meeting with the officials of the industries (M/s. NTPC Lara, RR Energy Ltd and Jindal Steel) to have a MoU and to explore the potential users for reuse of the treated water from its two STPs having capacity of 25 MLD & 7 MLD.

**Other works, apart from the above table:**

- Apart from the above, currently the treated water from STP is being utilized in road washing and landscaping works by ULB itself.

- XXI. **Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:** : State government has adopted Hasdeo River to develop as model River in the State of Chhattisgarh. State government has prepared action plan for the identified polluted river stretches in Hasdeo River. Actions as per the action plan are being implemented to achieve the bathing quality standards for the polluted river Stretches.
- XXII. **Status of Preparation of Action Plan by the 13 Coastal States :**  
Not applicable for the State of Chhattisgarh.
- XXIII. **Regulation of Mining Activities in the State/UT :** At present Double carbon printed copies of the Transit Passes are checked by the field staff and members of Flying Squad. In cases where the Transit Passes are tampered in any ways viz, cutting or overwriting, the vehicles are seized for Illegal Mining/Transportation. However, the State would like to submit that for effective monitoring of Sand Mines, amply equipped Modernized Check Posts and Departmental Monitoring Units with new Departmental Officers/Inspectors and new Departmental technical staff at all levels is needed. As per MMDR, 1957 Act 21, cases of Illegal Mining and Transportation are registered.
- XXIV. **Action against identified polluters, law violators and officers responsible for failure for vigorous monitoring :** Urban local bodies are regularly registering cases and imposing fines/penalties against identified polluters and law violators for disposal of waste in rivers as well as in municipal drains.

Details of case registered, and amount of fines/penalties collected are as follows: -

| Progress by UAD |                         |                                |
|-----------------|-------------------------|--------------------------------|
| ULB Name        | No. of Cases registered | Amount of fine collected (INR) |
| Raipur          | 13,543                  | 40,16,101                      |
| Dhamtari        | 514                     | 1,32,002                       |
| Raigarh         | 6,483                   | 14,24,420                      |
| Korba           | 1,178                   | 6,30,910                       |
| Kanker          | 510                     | 1,05,500                       |
| Nawapara        | 155                     | 89,860                         |
| Rajim           | 147                     | 25,400                         |
| Simga           | 64                      | 5,950                          |
| Bilaspur        | 3,536                   | 29,72,176                      |
| TOTAL           | 26,130                  | 94,02,319                      |



### **River Mahanadi Water Quality for the Year 2025**

**River Mahanadi at Kharod, Janjgir – Champa**  
**(Station Code – 1100), Latitude – 21°44' N, Longitude - 82°43' E**

| S. No. | Parameter              | Unit    | Result |
|--------|------------------------|---------|--------|
| 1.     | pH                     | pH Unit | 7.4    |
| 2.     | Total Solids           | mg/l    | 330    |
| 3.     | Total Dissolved Solids | mg/l    | 263    |
| 4.     | Dissolved Oxygen       | mg/l    | 6.4    |
| 5.     | BOD (3 Days 27°C)      | mg/l    | 2.0    |
| 6.     | COD                    | mg/l    | 31     |

**River Mahanadi at Sheorinarayan Village Downstream near Road Bridge, Janjgir – Champa**  
**(Station Code – 1282), Latitude – 21.718085, Longitude - 82.596468**

| S. No. | Parameter              | Unit    | Result |
|--------|------------------------|---------|--------|
| 1.     | pH                     | pH Unit | 7.4    |
| 2.     | Total Solids           | mg/l    | 275    |
| 3.     | Total Dissolved Solids | mg/l    | 218    |
| 4.     | Dissolved Oxygen       | mg/l    | 6.4    |
| 5.     | BOD (3 Days 27°C)      | mg/l    | 2.1    |
| 6.     | COD                    | mg/l    | 33     |

**River Mahanadi after confluence with Mand River, At Balpur, Janjgir – Champa**  
**(Station Code – 1467), Latitude – 21°43'48" N, Longitude - 83°18'36" E**

| S. No. | Parameter              | Unit    | Result |
|--------|------------------------|---------|--------|
| 1.     | pH                     | pH Unit | 7.3    |
| 2.     | Total Solids           | mg/l    | 281    |
| 3.     | Total Dissolved Solids | mg/l    | 223    |
| 4.     | Dissolved Oxygen       | mg/l    | 6.3    |
| 5.     | BOD (3 Days 27°C)      | mg/l    | 2.0    |
| 6.     | COD                    | mg/l    | 33     |

### **River Hasdeo Water Quality for the Year 2025**

**River Hasdeo at Upstream of Champa, Janjgir – Champa**  
**(Station Code – 1106), Latitude – 22°01'48" N, Longitude - 82°39'00" E**

| S. No. | Parameter              | Unit    | Result |
|--------|------------------------|---------|--------|
| 1.     | pH                     | pH Unit | 7.4    |
| 2.     | Total Solids           | mg/l    | 330    |
| 3.     | Total Dissolved Solids | mg/l    | 255    |
| 4.     | Dissolved Oxygen       | mg/l    | 6.2    |
| 5.     | BOD (3 Days 27°C)      | mg/l    | 2.2    |
| 6.     | COD                    | mg/l    | 31     |

### **River Arpa Water Quality for the Year 2025**

**River Arpa at Downstream of Bilaspur city at Check Dam Outlet Near Deorikhurd, Bilaspur**  
**(Station Code – 1848), Latitude – 22.064194, Longitude - 82.202029**

| S. No. | Parameter              | Unit    | Result |
|--------|------------------------|---------|--------|
| 1.     | pH                     | pH Unit | 7.3    |
| 2.     | Total Solids           | mg/l    | 301    |
| 3.     | Total Dissolved Solids | mg/l    | 251    |
| 4.     | Dissolved Oxygen       | mg/l    | 6.3    |
| 5.     | BOD (3 Days 27°C)      | mg/l    | 2.2    |
| 6.     | COD                    | mg/l    | 33     |

### **River Kelo Water Quality for the Year 2025**

**River Kelo at Downstream of Raigarh, Raigarh**  
**(Station Code – 1850), Latitude – 21°53'02" N, Longitude - 83°24'12" E**

| S. No. | Parameter              | Unit      | Result |
|--------|------------------------|-----------|--------|
| 1.     | pH                     | pH Unit   | 7.8    |
| 2.     | Total Solids           | mg/l      | 264    |
| 3.     | Total Dissolved Solids | mg/l      | 178    |
| 4.     | Dissolved Oxygen       | mg/l      | 6.7    |
| 5.     | BOD (3 Days 27°C)      | mg/l      | 2.1    |
| 6.     | COD                    | mg/l      | 41     |
| 7.     | Total Coliform         | MPN/100ml | 316    |

### **River Kharoon Water Quality for the Year 2025**

#### **River Kharoon After Confluence of Khapri Drain, Durg**

**(Station Code – 1846), Latitude – 21°14'24" N, Longitude - 81°33'36" E**

| <b>S. No.</b> | <b>Parameter</b>       | <b>Unit</b> | <b>Result</b> |
|---------------|------------------------|-------------|---------------|
| 1.            | pH                     | pH Unit     | 7.2           |
| 2.            | Total Solids           | mg/l        | 386           |
| 3.            | Total Dissolved Solids | mg/l        | 342           |
| 4.            | Dissolved Oxygen       | mg/l        | 6.0           |
| 5.            | BOD (3 Days 27°C)      | mg/l        | 2.8           |
| 6.            | COD                    | mg/l        | 39            |
| 7.            | Total Coliform         | MPN/100ml   | 248           |

#### **River Kharun at Downstream of Raipur, Durg - Raipur Road Bridge, Durg**

**(Station Code – 1847), Latitude – 21°12'00" N, Longitude - 81°36'36" E**

| <b>S. No.</b> | <b>Parameter</b>       | <b>Unit</b> | <b>Result</b> |
|---------------|------------------------|-------------|---------------|
| 1.            | pH                     | pH Unit     | 7.1           |
| 2.            | Total Solids           | mg/l        | 373           |
| 3.            | Total Dissolved Solids | mg/l        | 330           |
| 4.            | Dissolved Oxygen       | mg/l        | 6.1           |
| 5.            | BOD (3 Days 27°C)      | mg/l        | 2.6           |
| 6.            | COD                    | mg/l        | 40            |
| 7.            | Total Coliform         | MPN/100ml   | 232           |



**River Shivnath Water Quality for the Year 2025**

**River Shivnath at Jhinghri Village, (After Confluence) of Samoda Nalla, Durg  
(Station Code – 3166), Latitude – 21°18'14" N, Longitude - 81°18'22" E**

| S. No. | Parameter                      | Unit      | Result |
|--------|--------------------------------|-----------|--------|
| 1.     | pH                             | pH Unit   | 7.4    |
| 2.     | Total Solids                   | mg/l      | 383    |
| 3.     | Total Dissolved Solids         | mg/l      | 336    |
| 4.     | Dissolved Oxygen               | mg/l      | 6.2    |
| 5.     | BOD (3 Days 27 <sup>0</sup> C) | mg/l      | 2.8    |
| 6.     | COD                            | mg/l      | 46     |
| 7.     | Total Coliform                 | MPN/100ml | 259    |

**River Shivnath at Mohad Village, Rajnandgaon**

**(Station Code – 3167), Latitude – 21°03'38" N, Longitude - 81°03'05" E**

| S. No. | Parameter                      | Unit      | Result |
|--------|--------------------------------|-----------|--------|
| 1.     | pH                             | pH Unit   | 7.4    |
| 2.     | Total Solids                   | mg/l      | 347    |
| 3.     | Total Dissolved Solids         | mg/l      | 303    |
| 4.     | Dissolved Oxygen               | mg/l      | 6.6    |
| 5.     | BOD (3 Days 27 <sup>0</sup> C) | mg/l      | 2.4    |
| 6.     | COD                            | mg/l      | 33     |
| 7.     | Total Coliform                 | MPN/100ml | 178    |