HEAD OFFICE
CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

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

No. 12325 / TECH / H.O./ CECB/ 2026 Nava Raipur Atal Nagar, Raipur, Dated: 6 /2/ 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 1st 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 December, 2025 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 December, 2025 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 – 76.7 Lakhs
Rural population – 1,96,07,961 (as per 2011 census)

II. **Estimated Sewage Generation (MLD) :** 726.45 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 03 functional STPs in Bilaspur with 77.0 MLD capacity. In addition to that, 2STPs are under construction with combined capacity of 16.0 MLD. As there is no sewerage system in other ULBs of the State, so 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-75.0 MLD, Kara-35.0 MLD, Nimora-90.0 MLD and Bhatagaon-6.0 MLD near River kharun to treat the waste water from 17 major drains of 70 wards of Raipur. In Kawardha, one STP of 2.1MLD capacity is operational at Mini Mata Chowk. State has developed 04 STPs of 63.2 MLD capacity under AMRUT mission in Raigarh, Rajnandgaon & Jagdalpur 07 STPs of 58.2 MLD capacity from the state budget in Nawapara, Rajim, Dhamtari & Nava Raipur. State is developing 01 STP of 33 MLD capacity in co-ordination with M/s NTPC at Korba.

b. The state has developed about 827.0 MLD capacity of STP for the treatment of used water from the urban households through
   i. 24 Operational STPs (457.3 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 are relied on on-site saniation 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 dudget 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

- **Existing no. of Operational STPs and Treatment Capacity (in MLD) :** 24 STPs with total treatment capacity of 457.3 MLD
- **Capacity Utilization of existing STPs :** 315.58 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 is being treated through FSTPs (Low-cost gravity based Planted Drying Bed) and in 09 ULBs treatment of faecal sludge form septic tank is done through co-treatment with STPs. **Annexure – 1.**
- **Gap in Treatment Capacity in MLD :** 410.87 MLD
- **No. of Operational STPs :** 24
- **No. of Complying STPs :** 24
- **No. of Non-complying STPs :** 0

Details of each existing STP in the State

No.	Location	Existing STP Capacity	Capacity Being Utilization	Operational Status of STP	Compliance Status of STP
1.	Chilhati (Bilaspur)	17 MLD	14.05 MLD	Operational	Complied
2.	Domuhani (Bilaspur)	54 MLD	24.44 MLD	Operational	Complied
3.	Koni C (Bilaspur)	6.0 MLD	2.0 MLD	Operational	Complied
4.	Mini Mata Chowk (Kawardha)	2.1 MLD	1.8 MLD	Operational	Complied
5.	Bhatagaon (Raipur)	6.0 MLD	6.0 MLD	Operational	Complied
6.	Kara (Raipur)	35 MLD	34.78 MLD	Operational	Complied
7.	Nimora (Raipur)	90 MLD	78.82 MLD	Operational	Complied
8.	Chandandih (Raipur)	75 MLD	56.58 MLD	Operational	Complied
9.	Banjipali (Raigarh)	25 MLD	23.27 MLD	Operational	Complied
10.	Bade Atarmoda (Raigarh)	07 MLD	6.34 MLD	Operational	Complied
11.	Balikota (Jagdalpur)	25 MLD	14.8 MLD	Operational	Complied
12.	Mohad (Rajnandgaon)	6.2 MLD	4.7 MLD	Operational	Complied
13.	Nawapara	7.6 MLD	2.9 MLD	Operational	Complied
14.	Rajim	2.8 MLD	1.17 MLD	Operational	Complied
15.	Dhamtari	19.6 MLD	4.48 MLD	Operational	Complied
16.	Nava Raipur-Zone 2	10 MLD	2.1 MLD	Operational	Complied
17.	Nava Raipur-Zone 3	7 MLD	0.7 MLD	Operational	Complied
18.	Nava Raipur-Zone 4	10.0 MLD	4.0 MLD	Operational	Complied
19.	Nava Raipur-Zone Sector 19	1.2 MLD	1.2 MLD	Operational	Complied
20.	Bhilai Steel Plant (Bhilai)	30 MLD	26 MLD	Operational	Complied
21.	Kirodimalnagar	5 MLD	1 MLD	Operational	Complied
22.	Kanker	7.7 MLD	3.0 MLD	Operational	Complied
23.	Simga	2.8 MLD	0.7 MLD	Operational	Complied
24.	Champa	5.3 MLD	0.75 MLD	Operational	Complied
Total		**457.3 MLD**	**315.58 MLD**	**Operational**	

Details of under construction STP in 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. (Stay order by High Court)	50%	-	To complete the remaining sewerage work, the previous proposed alignment needs to be re-routed. preparation/ invitation of tender is under way.
2.	Mangla B (Bilaspur)	10 MLD	75% completed	0%	31.03.2026	Work in progress
3.	Mangla D (Bilaspur)	6 MLD	100% completed	0%	31.12.2025	Construction of STP Completed. Only Electricity connection is pending from CSPDCL
TOTAL		**26 MLD**	-			

Detail of other under construction/proposed STPs in the State

Sr. No.	Location	Capacity of the plant in MLD	Current Status	Expected Completion Timeline
1	Sakti	4.0 MLD	4rd call of tender is invited Dated 15.12.2025	Under Tendering Process, ECT : 2 Year from date of Tender Award
2	Shivrinarayan	2.2 MLD		
3	Dantewada	2.8 MLD		
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	
8	Korba	33 MLD	Work order issued Dated 05.08.2025	
9	Ambikapur (STP 1)	2.0 MLD	Work order issued Dated 23.07.2025	
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					
River Stretch	**ULB Name**	**STP Location**	**STP capacity**	**Status of STPs**	**Expected Completion Timeline**
River Kharoon (Priority-III)	Raipur	Bhatagaon	06.0 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 Kelo (Priority-V)	Raigarh	Banjipali	25.0 MLD	Operational	Completed
		Bade Atarmoda	7.0 MLD		
River Hasdeo (Priority-III)	Korba	Korba	33.0 MLD	Survey work completed, Desing has been vetted by IIT Varanasi and construction work has been started.	Work order, ETC: 27 month form date of Contract Award
	Champa	Champa	5.3 MLD	Operational	Completed
River Mahanadi (Priority-III)	Kanker	Kanker	7.7 MLD	Operational	Completed
	Nawapara	Nawapara	7.6 MLD	Operational	Completed
	Rajim	Rajim	2.8 MLD	Operational	
River Seonath (Priority-II)	Simga	Simga	2.8 MLD	Operational	Completed
River Arpa (Priority-V)	Bilaspur	Chilhati	17 MLD	Operational	Completed
		Domuhani	54 MLD		
		Mangla B	10 MLD	Under Co	31.03.2026
		Mangla D	6 MLD	Civil work Completed. Only Electricity connection is pending from CSPDCL	31.12.2025
		Koni C	6 MLD	Operational	Completed
TOTAL			**448 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 :** 2525 TPD of solid waste is generated from 192 ULBs.
  a. MSW Collected : 2390 TPD
  b. MSW Processed : 2390 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), biomethanation, MRF etc :** In 167 ULBs (375 MRFs, 208 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 : 2392 TPD
  b. Total Installed Treatment Capacity for Wet Waste Management : 1785 TPD

Details of Solid Waste Management in Chhattisgarh

192 ULBs	375 Nos. of MRF	208 Nos. of Composting Sheds	02 Nos. of Integrated Solid Waste Management facility in Raipur & Bilaspur	95% 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	31.03.2026	Under Progress
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	732.65 TPD	725.39 TPD	1ISMM Facility	1200 TPD	**Complied** 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:** 9.418 Tonnes per day
- **No. of Hospitals and Health Care Facilities :** No.of Beded Hospital 2498
  No. of Health Care Facilities 7230
- **Status of Treatment Facility/ CBMWTFs :** Out of 9.418 TPD of Bio-Medical Wastes, about 8.29 TPD wastes is being disposed off in the CBWTF operating in the State. Remaining wastes i.e. 1.128 TPD is disposed off in the premises of HCFs only.

  03 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 CBWTEs has stopped due to objection of local people. Now matter is in high Court.

  Raigarh: CBWTFs facility has been installed and the authorization application of Bio Medical waste is under process.

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

VII. **Hazardous Waste Management :**

- **Total Hazardous Waste generation per year :** 152074 Metric Tonnes
- **No. of Industries generating Hazardous waste :** 587
- **Treatment Capacity of all TSDFs :** NIL
- **Avg. Quantity of Hazardous waste reaching the TSDFs and Treated :** NIL
- **Details of on-going or proposed TSDF :** Owing to the continuous follow up and pursuance of CECB, the setting-up of Common Hazardous Waste TSDF has been initiated by Chhattisgarh State Industrial Development Corporation (CSIDC) under the guidance of Department of Commerce and Industry, Govt. of Chhattisgarh. As per the information received from CSIDC the expected timelines are as follows:
  - Execution of the Agreement between the operator (M/s Ramky Enviro Engineers) and CSIDC by 15/12/2020.
  - Incorporation of the JV Company by 30/12/2020.
  - Execution of the Concession Agreement by 11/01/2021.
  - Handling over of the possession of the land to JV by 18/01/2021.
  - EC and CTE has been obtained by Facility CTO application is under process. TSDF Facility will be expected to start by December 2024.

VIII. **Plastic Waste Management**

- **Total Plastic Waste generation:** 140 TPD (Plastic waste is being treated in all the 170 ULBs of Chhattisgarh).
- **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 coprocessing in Cement Kiln.

IX. **Details of Alternate Treatment Technology being adopted by the State/UT :** FSTP based on Low-cost gravity based Phytorid 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.

Progress by UAD			
ULB Name	**No. of Drains**	**No. of Drains having screens**	**No of screens Installed**
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
TOTAL	**77**	**77**	**138**

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	9620	1316	March - 2026
Dhamtari	866	603	263	March - 2026
Raigarh	894	670	224	March - 2026
Korba	1922	1752	170	March- 2026
Kanker	157	152	05	March- 2026
Nawapara	147	147	0	Achieved
Rajim	288	281	7	March- 2026
Simga	184	115	69	January - 2026
Bilaspur	4685	3438	1247	March - 2026
Total	**20079**	**16778**	**3301**	-

- 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:

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

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 Urga 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 (Priority-III)	Raipur	10	Nil
	Dhamtari	Nil	Nil
River Kelo (Priority-V)	Raigarh	1	7900
River Hasdeo (Priority-III)	Korba	4	3600
River Mahanadi (Priority-III)	Kanker	5	250
	Nawapara	6	1600
	Rajim	2	520
River Seonath (Priority-II)	Simga	2	50
River Arpa (Priority-V)	Bilaspur	Nil	Nil
TOTAL		**30**	**13920**

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	Nmae 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	• Final interconnection was completed on 14.11.2025 • Pump installation commissioning work is completed on 05.12.2025. • Now, regular pumping of water is started.	-
			M/s. API Ispat & Powertech Pvt. Ltd.	23.05.2025	-	5 MLD	-	-	The Pipe – laying work has commenced, and about 1.5 km is yet to be completed. The remaining portion is expected to be completed by end of January 2026.	March 2026
			M/s Adani Power Ltd.	24.11.2025	-	68 MLD	-	-	• RMC is preparing DPR for Adani Power Ltd. • DPR will be finalized by 27th Jan 2026.	-

		Kara 35 MLD	M/s. Maa Kudargarhi power & Ispat Pvt. Ltd	03.11.2023	-	2 MLD	-	-	Pipe alignment and design is being carried out by the industry	March 2026
			M/s. Vrajesh Steel Ltd	02.01.2024	-	7 MLD	-	-		
		Chandandih 75 MLD	M/s. NSPCL, Bhilai	24.05.2025	-	18 MLD	-	-	• RMC submitted the DPR to NSPCL on 13.10.2025 • Comments & remarks received by NSPCL on 08.12.2025 • The justification from RMC has submitted to NSPCL on 26.12.2025 • DPR under review of NSPCL	December 2026
2.	Korba Municipal Corporation	Pragati Nagar 33 MLD	M/s. NTPC Korba	29.04.2025	-	20 MLD	-	16.06.2027	STP construction work is under progress	15.06.2027
3.	Raigarh Municipal Corporation	Banjhipali 25 MLD	M/s. NTPC Lara M/s. RR Energy Ltd M/s, Jindal Steel	-	-	-	-	-	The discussion between ULB & the official of the industries is ongoing for having an MoU	-
		Bade Atarmoda 07 MLD								

- 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 has commenced and about 1.5 Km is yet to be completed. The time of completion of other pending works is March 2026.
- RMC has signed MoU on 03.11.2023 with Maa Kudargarhi Industry for 2 MLD treated water and with Brajesh 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 march 2026.
- RMC has signed an MoU to NSPCL, Bhiali on 24.05.2025 to use 18 MLD treated water from the Chandandih STP. RMC submitted the DPR was submitted to NSPCL on 13 October 2025. The justification from RMC has submitted to NSPCL on 26.12.2025 The DPR is under review.The timeline for completion of pending works December 2026.
- 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 for utilizing 20 MLD treated water. Pending work of STP construction is under progress which will be completed by 15.06.2027.
- Raigarh Municipal Corporation and District collector 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 of Raigarh with capacity 25 MLD & 7 MLD.

Other works, apart from the above table:

- The survey work by Godawari power and iron ltd. for use of treated water from 35 MLD STP at Kara is under process. the survey for pipeline installation has been conducted, and the DPR preparation is in progress by the industry.
- Apart from the above, currently the treated water from STP is beingh utilized in road washing and landscaping works by ULB itself.

XXI. **<u>Model River being adopted by the State & Action Proposed for achieving the bathing quality standards:</u> :** State government has adopted Shivnath River to develop as model River in the State of Chhattisgarh. State government has prepared action plan for the identified polluted river stretches in Shivnath

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 tempered in anyways 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	12,536	34,81,800
Dhamtari	508	1,31,302
Raigarh	6,430	14,13,020
Korba	1,156	5,82,610
Kanker	507	1,05,300
Nawapara	152	89,710
Rajim	110	24,700
Simga	62	5,650
Bilaspur	3,412	28,12,490
TOTAL	**24,873**	**86,46,582**