

ACKNOWLEDGEMENT

The Hon'ble National Green Tribunal (NGT) has directed to prepare District Environment Management Plans related to environmental management and these are to be executed by the Central and State Governments and related institutions. In addition, the instructions are required to be executed at the district level covering all cities, towns and villages. Early identification and characterization of significant environmental impacts allows the public and government to have a view of a plan's environmental acceptability, to create the effective strategies needed to reduce those risks and impacts.

I would like to sincerely thank Ms. Isha Duhan, IAS, District Magistrate, Chandauli, Uttar Pradesh for his continuous support, valuable guidance and friendly advice during the course of work. I am deeply grateful to him for sharing his truthful and informative views on many issues related to the scheme.

I would like to express my gratitude to all those who contributed in the preparation of the District Environmental Management Plan. I would like to express my heartfelt thanks to Shri Kalika Singh, Regional Officer, Uttar Pradesh Pollution Control Board, Varanasi. His suggestions helped in improving the technical quality of the scheme. I would like to express thankfulness towards Executive Officer Pt Din Dayal Upadhyay Nagar, Municipal Council, Executive Officer Chandauli, Executive Officer Syedaraja, Executive Officer Chakia, Executive Engineer Jal Nigam Pt Din Dayal Upadhyay Nagar, Chief Medical Officer Chandauli, for providing necessary guidance and valuable inputs.

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(Dinesh Singh)

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District Profile

Chandauli district is a district in the state of Uttar Pradesh, India. The district headquarters is Chandauli. In 1997, Chandauli district was carved out of a part of Varanasi district. It is a part of Varanasi division and is situated in the eastern part of Uttar Pradesh bordering Bihar. There are total 4 assembly constituencies in this district, namely, Syedaraja, Chakia, Sakaldiha, Pt Deendayal Upadhyay Nagar (Mughalsarai) and one Lok Sabha constituency, Chandauli. District Chandauli is located at a distance of 30 km from Varanasi in the east-southeast in latitude 24° 56' to 25° 35' north and 81° 14' to 84° 24' east. Geographically, the district has an average elevation of 70 meters (229 ft) and an area of 2541 Sq km. Chandauli is bounded by the state of Bihar in the east, Ghazipur district in the north-northeast, Sonbhadra district in the south, Bihar state in the south-east and Mirzapur district in the south-west. The Karmanasha river is the dividing line between this district and the state of Bihar. The Ganges, Karmanasha and Chandraprabha rivers have a significant influence on the geographical and economic conditions of this district. Chandauli is also known as rice bowl. This district is situated on the eastern and southern side of the holy river Ganges. The district is named after its tehsil headquarters. There is a very ancient sandy area in Chandauli district, which is situated on the banks of river Ganga, 22 km south of Sakaldiha tehsil. The Ganges flows here from east to west. A religious fair of Hindus is held every year on Mauni Amavasya in the month of Magha. This is known as 'Paschim Vahini Mela'. It is said that the Ganges flows from east to west in only two places in the entire country - one in Prayagraj (Allahabad) and the other in sand. Ramgarh village of Sakaldiha tehsil is the birthplace of a great Aghoreshwar saint Baba Keenaram. It is situated at a distance of just 06 kms from Chahniyan. A large area in the district Chandauli is in the form of forest land. The total area of forest areas is 74009.46 ha. A wildlife sanctuary in the district Chandauli is declared as Chandraprabha Wildlife Sanctuary. Whose area is 9600.00 ha. Final Notification No. S.O. by the Ministry of Environment, Forest and Climate Change, Government of India. 110 (E) dated 07.01.2019 has been declared as eco-sensitivity zone within the radius of 01 km from the boundary of the said wildlife sanctuary. Rajdari and Devdari waterfalls are very famous tourist places from the point of view of tourism in the said wildlife sanctuary. Where domestic and foreign tourists come every year in abundance.

a. District Administrative Set-up

Chandauli district administration is headed by the District Magistrate of Chandauli, who is an IAS officer. The DM is in charge of property records and revenue collection for the central government and oversees the city elections. The DM is assisted by a Chief Development Officer (CDO), Two Additional District Magistrates (ADM), Four Tehsildars, Nine Block Development Officers. There are four tehsils in the district, each headed by a Sub-divisional Magistrate. The present District Magistrate of Chandauli is Mr. Sanjeev Singh.

| Revenue Department | | | |
|--------------------|-------------------------------|------------|------------|
| No. | Description | Office No. | Mobile No. |
| 1 | DISTRICT MAGISTRATE CHANDAULI | — | 9454417576 |
| 2 | ADM .(F&R) | — | 9454417647 |
| 3 | A.D.M. (JUDICIAL) | — | — |
| 4 | SDM SADAR (CHANDAULI) | — | 9454417058 |
| 5 | SDM SAKALDIHA | — | 9454417060 |
| 6 | SDM CHAKIA | — | 9454417059 |
| 7 | SDM NAUGARH | — | 9454417062 |
| 8 | TAHSILDAR SADAR (CHANDAULI) | — | 9454417073 |
| 9 | TAHSILDAR SAKALDIHA | — | 9454417064 |
| 10 | TAHSILDAR CHAKIA | — | 9454417069 |
| 11 | TAHSILDAR NAUGARH | — | 9454417068 |

Police administration

Chandauli district comes under Chandauli Police Zone and Chandauli Police is headed by a Superintendent of Police. At present, Shri Amit Kumar is posted as Superintendent of Police in Chandauli district.

OFFICERS POSTED IN DISTRICT CHANDAULI

| S. No. | Name of IPS Officer | Rank | Post Held/ Unit | CUG /Mobile No. | Office No. | Email Id |
|--------|---------------------|------|--------------------------|-----------------|------------|----------------------|
| 1 | Mr. AMIT KUMAR | SP | Superintendent of Police | - | - | rspcdi0@gmail.com |
| 2 | Mr. DAYARAM | ASP | Chandauli (Sadar) | 9454401037 | - | - |
| 3 | Mr. SUKHRAM BHARATI | ASP | Operation | 9454401038 | - | aspcdi1038@gmail.com |

Infrastructure and Civic Administration

Urban and rural areas come in the district Chandauli. The four urban areas are Pandit Deen Dayal Upadhyay Nagar, Chandauli, Sayedaraja, Chakia respectively. The administrative work of the said urban areas is performed by the executive officer. Apart from the urban area, the rural areas are managed by the Panchayati Raj Department. For which the District Panchayat Raj Officer is posted from the government level.

Local Institutions

In Chandauli district 04 Government Graduate College, 02 Added Graduate College and 75 Private Graduate College are running. Apart from above, schools of Uttar Pradesh Board of Secondary Education and Basic Education Council are also functioning.

b. Natural Resources

▪ Water bodies

Chandauli district is situated on the eastern and southern side of the river Ganges. Ganga is the holiest river for Hindus. It is a lifeline for millions of Indians who live with its course and depend on it for their daily needs.

▪ Availability of water resources

| sl. no. | Assessment Units Blocks/ District | Net annual ground water availability (in ham) | Existing gross ground water draft for all uses | Net ground water availability for future irrigation development | Stage of ground water development (in %) | Category |
|---------|-----------------------------------|---|--|---|--|----------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Barahani | 13246.22 | 2858 | 9678.18 | 24.64 | Safe |
| 2 | Chahnia | 8064.95 | 3104.5 | 4135.51 | 44.27 | Safe |
| 3 | Chakia | 3674.3 | 2690.5 | 291.23 | 83.85 | Safe |
| 4 | Chandauli | 10529.7 | 3695.5 | 5935.14 | 39.46 | Safe |
| 5 | Dhanapur | 9938.72 | 3404 | 5606.75 | 39.37 | Safe |
| 6 | Naugarh | 3515.45 | 1372.75 | 1200.97 | 54.91 | Safe |
| 7 | Niyamatabad | 7864.58 | 1076.5 | 5040.84 | 22.22 | Safe |
| 8 | Sakaldiha | 10254.89 | 672.35 | 8291 | 12.59 | Safe |
| 9 | Shahabganj | 3572.06 | 343.37 | 2544.05 | 19.17 | Safe |
| | Total | 70660.87 | 19217.47 | 42723.67 | 33.45 | |

▪ Forest coverage-

According to India State of Forest Report 2019 (in sq km)

| District | Geographical Area (GA) | 2019 Assessment | | | | % of GA | Change wrt 2017 assessment | Scrub |
|-----------|------------------------|-------------------|-------------------|-------------|--------|---------|----------------------------|-------|
| | | Very Dense Forest | Mod. Dense Forest | Open Forest | Total | | | |
| Chandauli | 2541 | 7.00 | 192.00 | 366.26 | 565.26 | 22.25 | 0.26 | 10.00 |

c. Geography & Demography

Chandauli District in the Varanasi region is a district of Uttar Pradesh with its administrative headquarters located at Chandauli city. According to 2011 census, the district encompasses a geographical area of 2541 sq km and has a population of 19,52,756 (persons) including 10,17,905 (males) and 9,34,851 (females). The district has a sex ratio of 918 (females for every 1000 males). The major religions in district are Hindu (88.48%) and Muslim (11.01%) of the total population respectively. The literacy rate in the district is 71.48% (persons), 81.72% (males) and 60.35% (females). Main spoken languages are Hindi (98.70%), Urdu (1.16%), Bengali (0.06%). Labour Force Participation Rate is 42.53% for the year 2017-2018. Main source of income in the district is from the agriculture sector and per capita income is Rs. 34,307. The crime rate in the district is 109.13 for the year 2018. Total cropped area is 2,34,283 in hectares and the forest area is 565.26 in sq km (2019).

| S.No. | Heading | Details |
|-------|----------------------------|--------------------------------------|
| 1 | Location | Longitude: 81° 14' to 84° 24' |
| | | Latitude: 24° 56' to 25° 35' |
| 2 | Geographical Area (2001) | 2541 sq.km |
| 3 | Population (2011) | 19,52,756 |
| 3-1 | Male (2011) | 10,17,905 |
| 3-2 | Female (2011) | 9,34,851 |
| 3-3 | Scheduled Caste | 446786 |
| 3-4 | Scheduled Tribes | 00 |
| 3-5 | Sex Ratio | 918 |
| 3-6 | Population Density | 769 per.sq.km |
| 4 | Literacy | 71.48% |
| 4-1 | Male | 81.72% |
| 4-2 | Female | 60.35% |
| 5 | No. of Tehsil | 4 |
| 6 | No. of Block | 9 |
| 7 | No. of Nyay Panchayats | 102 |
| 8 | No. of Gram Panchayats | 734 |
| 9 | No. of Villages (2011) | 1640 |
| 10 | Town/Group of towns (2001) | 4 |
| 10-1 | Nagar Nigam | 0 |
| 10-2 | Nagar Palika Parishad | 1 |
| 10-3 | Nagar Panchayat | 3 |

e. Land-use pattern

- Geographical Area- 2541 sq km
- Area Under Forest- 565.26 sq km
- Area Irrigate- 1887.73 sq km

f. Climate

Chandauli experiences three major seasons: hot dry summer, cool dry winter and hot and humid monsoon rainy season. Summers run from April to June, with maximum temperatures of 40 °C.(104 °F) to 45°C.(113 °F). The monsoon period lasts from early July to the end of September. After this the winter lasts from December to February. The temperature rarely reaches zero. The maximum temperature is around 22 °C. (72 °F) and the minimum temperature is 10 °C. (50 °F). Dense fog prevails in Chandauli in the month of January, due to which there are excessive delays in traffic and travels. But it never snows here.

Minimum marked temperature, -2 °C. (28.4 °F) and a maximum of 48 °C. (118 °F) 48 °C. has reached.

2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules

(i) Solid Waste Management

1.1 Current status related to solid Waste management

| S.No. | Urban Local bodies | No of Wards | No of Households | Population | Solid Waste Generated per day |
|-------|--|-------------|------------------|------------|-------------------------------|
| 1 | Nagar Palika Parishad Pt. Din Dayal Upadhyay Nagar | 25 | 16796 | 109650 | 49.35 TPD |
| 2 | Nagar Panchyat Chandauli | 15 | 3520 | 23020 | 6.9 TPD |
| 3 | Nagar panchayat Saiyadraja | 13 | 2670 | 18315 | 5.50 TPD |
| 4 | Nagar panchayat Chakia | 12 | 3216 | 17356 | 5.20 TPD |

| S.No. | Local Bodies | No of Village panchayats / Blocks | No of Households | Population | Solid Waste Generated per day |
|-------|-------------------------------|-----------------------------------|------------------|------------|-------------------------------|
| 1 | Block /Taluk / Mandal Tehsils | 09/04 | - | 19,52,756 | Not Available |
| 2 | Village/Gram Panchayats | 1640/734 | - | | Not Available |

2.1 Identification of gaps and Action plan:

| Sr. No. | Action points For villages/blocks/ town municipalities/ City corporations | Identification of gap | Action Plan | | | Responsible agencies | Timeline for completion of action plan |
|---------|---|--|--|------------------------------|-------------------------------|-------------------------------------|--|
| | | | Action Point | Budget Required (Rs in lakh) | Budget Available (Rs in lakh) | | |
| 1. | Segregation | | | | | | |
| (i) | Segregation of waste at source | Yes 100 Percent | Different IEC drives are to be planned by the ULB to create the awareness among the citizen of the ULB | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | Yes 100 Percent | Different IEC drives are to be planned by the ULB to create the awareness among the citizen of the ULB | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | Yes 100 Percent | Different IEC drives are to be planned by the ULB to create the awareness among the citizen of the ULB | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | Yes 100 Percent | Different IEC drives are to be planned by the ULB to create the awareness among the citizen of the ULB | 0 | 0 | Nagar Panchyat Chakia | Completed |
| 2 | Sweeping | | | | | | |
| (i) | Manual Sweeping | 100 % roads are covered by the ULB under Manual Sweeping . | 100 % roads are covered by the ULB under Manual Sweeping . | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | 100 % roads are covered by the ULB under Manual Sweeping . | 100 % roads are covered by the ULB under Manual Sweeping . | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |

| | | | | | | | |
|-------|--|---|--|---|---|-------------------------------------|-----------|
| | | 100 % roads are covered by the ULB under Manual Sweeping . | 100 % roads are covered by the ULB under Manual Sweeping | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | 100 % roads are covered by the ULB under Manual Sweeping | 100 % roads are covered by the ULB under Manual Sweeping . | 0 | 0 | Nagar Panchyat Chakia | Completed |
| (ii) | Mechanical Road Sweeping & Collection | Total length of 14 KM. main road having width of 20 feet covered by mechanical sweeping | NA | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | Total length of 2.5 KM. main road having width of 20 feet covered by manual sweeping | NA | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | NA | NA | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | Total length of 8 KM. main road having width of 20 feet covered by manual sweeping | Manual Sweeping And Collection. | 0 | 0 | Nagar Panchyat Chakia | Completed |
| 3 | Waste Collection | | | | | | |
| (i) | 100% collection of solid waste | Yes | Action plan to improve existing collection | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | Yes | Action plan to improve existing collection | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | Yes | Action plan to improve existing collection | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | Yes | Action plan to improve existing collection | 0 | 0 | Nagar Panchyat Chakia | Completed |
| (ii) | Arrangement for door to door collection | 100 % | NA | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | 100 % | NA | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | 100 % | NA | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | 100 % | NA | 0 | 0 | Nagar Panchyat Chakia | Completed |
| (iii) | Waste Collection trolleys with separate compartments | Total 50 Unit Of Rickshaw Trolley With Twin Bins Available In The ULB | NA | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |

| | | | | | | | |
|------|--|--|---|---|---|-------------------------------------|-----------|
| | | Total 25 Unit Of Rickshaw Trolley With Twin Bins Available In The ULB | NA | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | Total 25 Unit Of Rickshaw Trolley With Twin Bins Available In The ULB | NA | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | Total 15 Unit Of Rickshaw Trolley With Twin Bins Available In The ULB | NA | 0 | 0 | Nagar Panchyat Chakia | Completed |
| (iv) | Mini Collection Trucks with separate compartments | Total 19 Tipper Available In The ULB With Saperate Compartment | NA | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | Total 2 Tipper Available In The ULB With Saperate Compartment | NA | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | Total 2 Tipper Available In The ULB With Saperate Compartment | NA | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | Total 2 Tipper Available In The ULB With Saperate Compartment | NA | 0 | 0 | Nagar Panchyat Chakia | Completed |
| (v) | Waste Deposition centres (for domestic hazardous wastes) | Segregation Of Hazardous Waste Being Done At The Waste Segregation Center. | ULB Is Trying To Make a Practice Of Collection Of The Hazardous Waste Saperately At The Time Of Door To Door Collection Of Waste. | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Done |
| | | Segregation Of Hazardous Waste Being Done At The Waste Segregation Center. | ULB Is Trying To Make a Practice Of Collection Of The Hazardous Waste Saperately At The Time Of Door To Door Collection Of Waste. | 0 | 0 | Nagar Panchyat Saiyadraja | Done |
| | | Segregation Of Hazardous Waste Being Done At The Waste Segregation Center. | ULB Is Trying To Make a Practice Of Collection Of The Hazardous Waste Saperately At The Time Of Door To Door Collection Of Waste. | 0 | 0 | Nagar Panchyat Chandauli | Done |

| | | | | | | | |
|--------------|---|---|---|---|---|-------------------------------------|-----------|
| | | Segregation Of Hazardous Waste Being Done At The Waste Segregation Center. | ULB Is Trying To Make a Practice Of Collection Of The Hazardous Waste Saperately At The Time Of Door To Door Collection Of Waste. | 0 | 0 | Nagar Panchyat Chakia | Done |
| 4. | Waste Transport | | | | | | |
| (i) | Review existing infrastructure for waste Transport. | Adequate Number Of Vehicle Are Available In The ULB For Transportation Of Waste | NA | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | Adequate Number Of Vehicle Are Available In The ULB For Transportation Of Waste | NA | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | Adequate Number Of Vehicle Are Available In The ULB For Transportation Of Waste | NA | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | Adequate Number Of Vehicle Are Available In The ULB For Transportation Of Waste | NA | 0 | 0 | Nagar Panchyat Chakia | Completed |
| (ii) | Bulk Waste Trucks | Adequate Number Of Vehicle Are Available In The ULB | NA | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | Adequate Number Of Vehicle Are Available In The ULB | NA | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | Adequate Number Of Vehicle Are Available In The ULB | NA | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | Adequate Number Of Vehicle Are Available In The ULB | NA | 0 | 0 | Nagar Panchyat Chakia | Completed |
| (iii) | Waste Transfer points | Not Applicable | Not Applicable | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | NA |
| | | Not Applicable | Not Applicable | 0 | 0 | Nagar Panchyat Saiyadraja | NA |
| | | Not Applicable | Not Applicable | 0 | 0 | Nagar Panchyat Chandauli | NA |

| | | | | | | | |
|-------------|--|---|---|---|---|-------------------------------------|--|
| | | Not Applicable | Not Applicable | 0 | 0 | Nagar Panchyat Chakia | NA |
| 5 | Waste Treatment and Disposal | | | | | | |
| (i) | Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules) | Total 5 Bulk Waste Generators Are In The ULB | Bulk Waste Generators Are Advised For Their Management Of Wet Waste. | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | Total 2 Bulk Waste Generators Are In The ULB | Bulk Waste Generators Are Advised For Their Management Of Wet Waste. | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | Total 2 Bulk Waste Generators Are In The ULB | Bulk Waste Generators Are Advised For Their Management Of Wet Waste. | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | Total 4 Bulk Waste Generators Are In The ULB | Bulk Waste Generators Are Advised For Their Management Of Wet Waste. | 0 | 0 | Nagar Panchyat Chakia | Completed |
| (ii) | Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste. | Yes Compost Machine Available In The ULB For Composting Of Wet Waste Generated In The ULB | More Compost Machine Are To Be Installed In The ULB In Upcoming Days To Meet The Total Need | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Processing Done by ULB of Wet Waste Generated by Compost Machine |
| | | Yes Compost Machine Available In The ULB For Composting Of Wet Waste Generated In The ULB | More Compost Machine Are To Be Installed In The ULB In Upcoming Days To Meet The Total Need | 0 | 0 | Nagar Panchyat Saiyadraja | Processing Done by ULB of Wet Waste Generated by Compost Machine |
| | | Yes Compost Machine Available In The ULB For Composting Of Wet Waste Generated In The ULB | More Compost Machine Are To Be Installed In The ULB In Upcoming Days To Meet The Total Need | 0 | 0 | Nagar Panchyat Chandauli | Processing Done by ULB of Wet Waste Generated by Compost Machine |
| | | Yes Compost Machine Available In The ULB For Composting Of Wet Waste Generated In The ULB | More Compost Machine Are To Be Installed In The ULB In Upcoming Days To Meet The Total Need | 0 | 0 | Nagar Panchyat Chakia | Processing Done by ULB of Wet Waste Generated by Compost Machine |

| | | | | | | | |
|-------|--|---|---|---|---|-------------------------------------|-----------|
| (iii) | Dry-Waste Management: Material Recovery for dry-waste fraction | MRF Center Available With The ULB Where The Mixed Waste Is Being Segregated Into The Dry And Wet Waste. Dry Waste Are Further Segregated Here In MRF Center In Categories | NA | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | MRF Center Available With The ULB Where The Mixed Waste Is Being Segregated Into The Dry And Wet Waste. Dry Waste Are Further Segregated Here In MRF Center In Categories | NA | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | MRF Center Available With The ULB Where The Mixed Waste Is Being Segregated Into The Dry And Wet Waste. Dry Waste Are Further Segregated Here In MRF Center In Categories | NA | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | MRF Center Available With The ULB Where The Mixed Waste Is Being Segregated Into The Dry And Wet Waste. Dry Waste Are Further Segregated Here In MRF Center In Categories | NA | 0 | 0 | Nagar Panchyat Chakia | Completed |
| (iv) | Disposal of inert and non-recyclable wastes: Sanitary Landfill | 1.5 Hectare Of Land Available With The ULB For The Disposal Of Non-Recyclable And Inert Waste Of The ULB. Contruction Of Boundrywall Around Sanitary Land Fill In Process | i) Construction Of Boundarywall Along To Sanitary Landfill In Process. ii) By Implementing The 3R Formula We Will Try To Minimise The Landfilling. | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |

| | | | | | | | |
|------|---|---|---|---|---|-------------------------------------|-------------------|
| | | 1.0 Hectare Of Land Available With The ULB For The Disposal Of Non-Recyclable And Inert Waste Of The ULB. Contruction Of Boundrywall Around Sanitary Land Fill In Process | i) Construction Of Boundarywall Along To Sanitary Landfill In Process. ii) By Implementing The 3R Formula We Will Try To Minimise The Landfilling. | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | 1.0 Hectare Of Land Available With The ULB For The Disposal Of Non-Recyclable And Inert Waste Of The ULB. Contruction Of Boundrywall Around Sanitary Land Fill In Process | i) Construction Of Boundarywall Along To Sanitary Landfill In Process. ii) By Implementing The 3R Formula We Will Try To Minimise The Landfilling. | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | 0.5 Hectare Of Land Available With The ULB For The Disposal Of Non-Recyclable And Inert Waste Of The ULB. | i) Under Process | 0 | 0 | Nagar Panchyat Chakia | Completed |
| (v) | Remediation of historic / legacy dumpsite | No Legacy Waste In The ULB. | NA | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | No Legacy Waste In The ULB. | NA | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | No Legacy Waste In The ULB. | NA | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | No Legacy Waste In The ULB. | NA | 0 | 0 | Nagar Panchyat Chakia | Completed |
| (vi) | Involvement of NGOs | Campaign Are Being Drive By The ULB Itself For Promotion In Management Of Solid Waste. | Campaign Are Being Drive By The ULB Itself For Promotion In Management Of Solid Waste. | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Continues Process |
| | | Campaign Are Being Drive By The ULB Itself For Promotion In Management Of Solid Waste. | Campaign Are Being Drive By The ULB Itself For Promotion In Management Of Solid Waste. | 0 | 0 | Nagar Panchyat Saiyadraja | Continues Process |
| | | Campaign Are Being Drive By The ULB Itself For Promotion In Management Of Solid Waste. | Campaign Are Being Drive By The ULB Itself For Promotion In Management Of Solid Waste. | 0 | 0 | Nagar Panchyat Chandauli | Continues Process |

| | | | | | | | |
|--------|--|--|--|--|---|-------------------------------------|-------------------|
| | | Campaign Are Being Drive By The ULB Itself For Promotion In Management Of Solid Waste. | Campaign Are Being Drive By The ULB Itself For Promotion In Management Of Solid Waste. | 0 | 0 | Nagar Panchyat Chakia | Continues Process |
| (vii) | EPR of Producers: Linkage with Producers / Brand Owners | NA | NA | EPR of Producers: Linkage with Producers / Brand Owners M/s M.P. Biscuit, Industrial Area, Chandauli | 0 | Nagar Palika Parishad Pt. DDU Nagar | NA |
| | | NA | NA | | | Nagar Panchyat Saiyadraja | NA |
| | | NA | NA | | | Nagar Panchyat Chandauli | NA |
| | | NA | NA | | | Nagar Panchyat Chakia | NA |
| (viii) | Authorisation of Waste Pickers | Yes | Total 7 Waste Pickers Are Integrated With The ULB | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | Yes | Total 2 Waste Pickers Are Integrated With The ULB | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | Yes | Total 3 Waste Pickers Are Integrated With The ULB | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | NA | NA | 0 | 0 | Nagar Panchyat Chakia | NA |
| (ix) | Preparation of own by-laws to comply with SWM Rules 2016 | Yes | Bye Laws Already Prepared | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | Yes | Bye Laws Already Prepared | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | Yes | Bye Laws Already Prepared | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | Yes | Bye Laws Already Prepared | 0 | 0 | Nagar Panchyat Chakia | Completed |

Action plan should cover all village panchayats/ blocks/ town municipalities / City corporations. Action plan need not be prepared in Tabular form as above. Action plan may dwell upon other relevant action points not mentioned in above table. If required budgetary requirement and provisions may also be mentioned]

(ii) Plastic waste Management

(a) Current status related to Plastic waste management

| | Urban Local bodies | Estimated quantity of Plastic Waste Generated per day |
|---|---|---|
| 1 | Nagar Panchyat Pt. Din Dayal Upadhyay Nagar | 07 K.G. |
| 2 | Nagar Panchyat Chandauli | 2.0 K.G. |
| 3 | Nagar panchayat Saiyadraja | 1.80 K.G. |
| 4 | Nagar panchayat Chakia | 1.50 K.G. |

| | Local Bodies | Plastic Waste Generated per day |
|---|-------------------------------|---------------------------------|
| 1 | Block /Taluk / Mandal Tehsils | Not Available |

| | | |
|---|-------------------------|---------------|
| 2 | Village/Gram Panchayats | Not Available |
|---|-------------------------|---------------|

(b) dentification of gaps and Action plan:

| S. No. | Action points For village panchayats/blocks/municipalities/corporations | Identificat ion of gap | Action plan | | | Agencies Responsible | Target time for Compliance |
|--------|---|------------------------|---|-----------------|------------------|-------------------------------------|----------------------------|
| | | | Action Point | Budget Required | Budget Available | | |
| 1. | Door to Door collection of dry waste including PW | 100% | NA | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Completed |
| | | 100% | NA | 0 | 0 | Nagar Panchyat Saiyadraja | Completed |
| | | 100% | NA | 0 | 0 | Nagar Panchyat Chandauli | Completed |
| | | 100% | 100% Action plan for door to door collection of SW | 0 | 0 | Nagar Panchyat Chakia | Completed |
| 2. | Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility | 100% | Material Recover Facility Center Available in the ULB | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | NA |
| | | 100% | Material Recover Facility Center Available in the ULB | 0 | 0 | Nagar Panchyat Saiyadraja | NA |
| | | 100% | Material Recover Facility Center Available in the ULB | 0 | 0 | Nagar Panchyat Chandauli | NA |
| | | 100% | Material Recover Facility Center Available in the ULB | 0 | 0 | Nagar Panchyat Chakia | NA |
| 3. | PW collection Centres | 100% | Material Recover Facility Center Available in the ULB | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | NA |
| | | 100% | Material Recover Facility Center Available | 0 | 0 | Nagar Panchyat Saiyadraja | NA |

| | | | | | | | |
|----|---|--|--|---|---|-------------------------------------|--------------------|
| | | | in the ULB | | | | |
| | | 100% | Material Recover Facility Center Available in the ULB | 0 | 0 | Nagar Panchyat Chandauli | NA |
| | | 100% | Material Recover Facility Center Available in the ULB | 0 | 0 | Nagar Panchyat Chakia | NA |
| 4. | Awareness and education programs implementation | Different IEC drives are to be planned by the ULB to create the awareness among the citizen of the ULB | Different IEC drives are to be planned by the ULB to create the awareness among the citizen of the ULB | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Continuous Process |
| | | Different IEC drives are to be planned by the ULB to create the awareness among the citizen of the ULB | Different IEC drives are to be planned by the ULB to create the awareness among the citizen of the ULB | 0 | 0 | Nagar Panchyat Saiyadraja | Continuous Process |
| | | Different IEC drives are to be planned by the ULB to create the awareness among the citizen of the ULB | Different IEC drives are to be planned by the ULB to create the awareness among the citizen of the ULB | 0 | 0 | Nagar Panchyat Chandauli | Continuous Process |
| | | Time to aware educate Program organize in ULB | Time and through mass media, schools, Producer / brand owner campaigns and other | 0 | 0 | Nagar Panchyat Chakia | Continuous Process |

| | | | | | | | |
|----|---|---|---|---|---|-------------------------------------|------|
| | | | channels | | | | |
| 5. | Access to Plastic Waste Disposal Facilities | Material RecoverFacilityCenter Available in the ULB | Material RecoverFacilityCenter Available in the ULB | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Done |
| | | Material RecoverFacilityCenter Available in the ULB | Material RecoverFacilityCenter Available in the ULB | 0 | 0 | Nagar Panchyat Saiyadraja | Done |
| | | Material RecoverFacilityCenter Available in the ULB | Material RecoverFacilityCenter Available in the ULB | 0 | 0 | Nagar Panchyat Chandauli | Done |
| | | Material RecoverFacilityCenter Available in the ULB | Material RecoverFacilityCenter Available in the ULB | 0 | 0 | Nagar Panchyat Chakia | Done |

[Action plan should cover all village panchayats/ blocks/ town municipalities / City corporations. Action plan need not be prepared in Tabular form as above. Action plan may dwell upon other relevant action points not mentioned in above template. If required budgetary requirement and provisions may also be mentioned]

(iii) C & D Waste Management

a. Current status related to C & D Waste

| Details of Data Requirement | Present Status |
|---|----------------|
| Total C & D waste generation in MT per day (As per data from Nagar Palika Parishad Pt. DDU Nagar) | 0.10 |
| Total C & D waste generation in MT per day (As per data from Nagar Panchyat Saiyadraja) | 0.05 |
| Total C & D waste generation in MT per day (As per data from Nagar Panchyat Chakia) | 0.05 |
| Total C & D waste generation in MT per day (As per data from Nagar Panchyat Chandauli) | 0.05 |
| Does the District has access to C&D waste recycling facility? | No |

b. Identification of gaps and Action plan:

| S. No. | Action points for blocks / town municipalities / City corporations | Identification of Gaps | Action Plan | | | Responsible agency | Timeline for completion of action plan |
|--------|---|---|--------------|-----------------|------------------|-------------------------------------|--|
| | | | Action Point | Budget Required | Budget Available | | |
| 1. | Arrangement for separate collection of C&D waste to C&D waste deposition point. | C&D Waste Collected Saperately And Used In ULB Work | NA | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Done |
| | | C&D Waste Collected Saperately And Used In ULB Work | NA | 0 | 0 | Nagar Panchyat Saiyadraja | Done |

| | | | | | | | |
|----|---|---|---|---|---|-------------------------------------|------|
| | | C&D Waste Collected Saperately And Used In ULB Work | NA | 0 | 0 | Nagar Panchyat Chandauli | Done |
| | | C&D Waste Collected Saperately And Used In ULB Work | NA | 0 | 0 | Nagar Panchyat Chakia | Done |
| 2. | Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month? | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Done |
| | | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Panchyat Saiyadraja | Done |
| | | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Panchyat Chandauli | Done |
| | | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Panchyat Chakia | Done |
| 3. | C&D recycling Facility | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Done |
| | | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Panchyat Saiyadraja | Done |
| | | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Panchyat Chandauli | Done |
| | | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Panchyat Chakia | Done |
| 4. | Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Done |
| | | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Panchyat Saiyadraja | Done |

| | | | | | | | |
|----|-------------------------------|--|---|---|---|-------------------------------------|---------------------|
| | | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Panchyat Chandauli | Done |
| | | Yes | C&D Waste Collected Separately And Used in ULB work | 0 | 0 | Nagar Panchyat Chakia | Done |
| 5. | ICE on C & D waste management | Local Contact Number Are Provided In The ULB For Collection Of C&D Waste | Awareness Drive Are To Be Created In The ULB | 0 | 0 | Nagar Palika Parishad Pt. DDU Nagar | Continuou s process |
| | | Local Contact Number Are Provided In The ULB For Collection Of C&D Waste | Awareness Drive Are To Be Created In The ULB | 0 | 0 | Nagar Panchyat Saiyadraja | Continuou s process |
| | | Local Contact Number Are Provided In The ULB For Collection Of C&D Waste | Awareness Drive Are To Be Created In The ULB | 0 | 0 | Nagar Panchyat Chandauli | Continuou s process |
| | | Local Contact Number Are Provided In The ULB For Collection Of C&D Waste | Action plan for awareness and education | 0 | 0 | Nagar Panchyat Chakia | Continuou s process |

[Action plan for C&D waste management should cover all village panchayats/ blocks/ town municipalities / City corporations. Action plan need not be prepared in Tabular form as above, however all the components mentioned should be addressed for overall C&D waste management. Action plan may dwell upon other relevant action points not mentioned in above template. If required budgetary requirement and provisions may also be mentioned]

(iv) Biomedical Waste Management

a. Current Status related to biomedical waste

| Inventory of BMW in the District | Quantity |
|--|--|
| Total no. of Bedded Healthcare Facilities | 212 |
| Total no. of non-bedded HCF | 81 |
| No. of HCFs authorised by SPCBs/PCCs | 239 |
| No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs) | 1- CPC Pvt Ltd Varanasi(3850 Kg\day) 2-Sangam Mediserve Pvt Ltd.(5000 Kg\day) |
| Capacity of CBWTFs | 1- CPC Pvt Ltd Varanasi(9850 Kg\day) 2-Sangam Mediserve Pvt Ltd(5 Ton) |
| No. of Deep burials for BMW if any | 00 |
| Quantity of biomedical waste generated per day | 1159 Kg/day |
| Quantity of biomedical waste treated per day | 1159Kg/day |

b. Identification of gaps and Action plan:

| S. No. | Action points | Gaps | Action Plan | | | Responsibl e agency | Timeline for completion of action plan |
|--------|---|---|--|-----------------|------------------|---------------------|--|
| | | | Action Point | Budget Required | Budget Available | | |
| 1. | Inventory and Identification of Healthcare Facilities | Check whether all HCFs including, clinics, hospitals, - veterinary hospitals, Aayush hospitals, animal houses, etc generating biomedical waste area | Actionplan for completin/ updating inventory and authorisation of HCFs by SPCBs/PCCs | Not required | - | U PPCB/CM O | Complyin g |

| | | | | | | | |
|----|--|--|---|--------------|---|-----------------|-----------|
| | | identified and authorised by SPCBs/PCCs (Regular activity) updating of inventory authorization of HCFs has done and to unauthorized HCFs notices has sent. | | | | | |
| 2. | Adequacy of facilities to treat biomedical waste | Check if there is any gap between Quantity of Biomedical Waste generated per day and quantity of Biomedical Waste treated and disposed in the district? In case of no access to CBWTFs, adequacy of existing disposal of BMW In district Chandauli, 2 number of Biomedical Waste treatment facility available 1. CPC Power India Pvt. Ltd Mohansarai, Varanasi 2. Sangam Mediserve Pvt. Ltd, Handia, Prayagraj | Action plan setting-up CBWTF or providing access to CBWTF with 75 Km from places waste generation. Including identification of site for setting up such facility. Action plan for management of BMW through captive facilities in case of no access to CBWTF -Adequate number of Bio Medical Waste treatment Facility available | 02 Crore | - | UPPCB | Complying |
| 3. | Tracking of BMW | Check whether bar code system is implemented by all HCFs and CBWTFs? -Maximum number of hospitals have Bar code system. Compliance is under process till June 2023 | Plan for implementation of bar code system by all HCFs and CBWTFs in the district. -Under Process | 10 Lakhs | - | CMO/CB WTF/HCFs | June 2023 |
| 4. | Awareness and education of healthcare staff | Whether training has been organised for all stakeholders? | Action plan awareness programs and training to healthcare staff and ULB officials | 50 Lakhs | - | CMO | - |
| 5. | Adequacy of funds | Whether adequate funds is allocated to Government health care facilities for bio-medical waste management by State Govt.? | Action plan for ensuring adequate funds to Government health care facilities for bio-medical waste management by State Govt.,. | Not required | - | CMO | - |

| | | | | | | | |
|----|--|--|--|----------------|----------------|-----------|-----------|
| 6. | Compliance to Rules by HCFs and CBWTFs | Is there any district level mechanism to monitor compliance by Hospitals / HCFs? -Monitoring has been carrying by U.P.P.C.B. Varanasi and authorization has been granted to HCFs/ CBWTFs by UPPCB, Varanasi under BMW Rule, 2016 | Draw action plan to monitor compliance of HCFs and CBWTFs through SPCBs/PCCs Random monitoring has been carrying by U.P.P.C.B. Varanasi. | Not required | - | CMO/UPPCB | Complying |
| 7. | District Level Monitoring Committee | Check whether District Level Monitoring committee has been constitute and meetings are being organised? District Level Committee has been Constituted and Meetings are being organized periodically (recent held on 27.04.2022) | Action plan w.r.t Periodicity of reviews and follow-up by DLMC. Identify teams in health department to monitor compliance. | Not applicable | Not applicable | UPPCB | Complying |
| 8. | Wastewater Treatment | Check if HCFs are required to install ETPs for wastewater generated. Underprocess | Action plan by HCFs where applicable. | Not applicable | Not applicable | CMO/UPPCB | Dec 2023 |

[SPCBs/PCCs is the prescribed authority to ensure implementation of BMW Management Rules, 2016. However, Rules also provides mandates to health department to monitor compliance. Hence Action plan for BMW waste management should cover access to biomedical waste management in entire geographical area of the district village panchayats/ blocks/ town municipalities / City corporations. Action plan need not be prepared in Tabular form. SPCBs/PCC should be part of action plan. Action plan may dwell upon other relevant action points not mentioned in above template. If required budgetary requirement for government HCFs may also be mentioned]

(v) Hazardous Waste Management

1.1 Current Status related to Hazardous Waste Management

[Major source of hazardous waste (HW) is industries and facilities located in the districts, who are required to be regulated under Water (P&CP) Act 174, Air (P&CP) Act 1981 and E(P) Act, 1986 and the Rules notified thereof. Many commercial establishments like automobile repair shops, paint workshops, stores, etc. may also generate small quantities of hazardous waste. The district administration should be aware of the type of hazardous waste generation in their district and adequacy of facilities for safe handling and disposal within or outside District. Linkage of district administration with common TSDFs in the State is necessary to establish system for safe disposal of domestic hazardous waste]

| Details of Data Requirement | Present Status |
|---|---|
| No of Industries generating HW | 15 Nos. |
| Quantity of HW in the district | 842.5 MT/Annum |
| (i) Quantity of Incinerable HW | 164.3 MT/Annum |
| (ii) Quantity of land-fillable HW | 660 MT/Annum |
| (iii) Quantity of Recyclable / utilizable HW | 18.15 MT/Annum |
| No of captive/common TSDF | Nos of integrated TSDF-2 1.M/s Bharat Oil & Waste Management Corporation Ltd. Kanpur Dehat, U.P. 2. M/s Ramkey Enviro enginners Ltd., Kanpur Dehat, U.P., |
| Contaminated Sites or probable contaminated sites | No any Contaminated Sites or probable contaminated sites found |

2.1 Identification of gaps and action plan:

| S. No. | Action points | Identification of Gaps | Action Plan | | | Responsible agency | Timeline for completion of action plan |
|--------|---|---|---|-----------------|------------------|-----------------------|--|
| | | | Action Point | Budget Required | Budget Available | | |
| 1. | Regulation of industries and facilities generating Hazardous Waste | Check whether all hazardous waste industries are identified and authorised by SPCBs/PCCs -All hazardous waste industries are identified and authorized by UPPCB, Varanasi under HWM Rule, 2016 | SPCB/PCC should ensure that all hazardous waste industries are authorised and a system of safe disposal is in place. | - | Not required | SPCB/PCC/UPPCB | Complying |
| 2. | Establishment of collection centres | Check district has collection centres for hazardous wastes with linkage to common TSDFs/recyclers -All hazardous waste industries are timely sent hazardous waste to TSDF | Local authority should ensure that adequate number of collection centres should be established and are linked to Common TSDFs. | 1 Cr | Not required | Local authority/UPPCB | Complying |
| 3. | Training of workers involved in handling / recycling / disposal of HW | Identify facilities / industries engaged in recycling / pre-processing / disposal of hazardous waste in the district. -Industries has trained workers on safety aspects yearly under Hazardous Waste Rule, 2016 | Action plan to train the workers on safety aspects through Department of Industries as per provisions under HOWM Rules, 2016 | 50 lakhs | Not required | Industry/UPPCB | Complying |
| 4. | Availability / Linkage with common TSDF or disposal facility | Check if the generators of HW have access to common TSDF in the State? - Two number of common TSDF available in Uttar Pradesh- 1. M/s Bharat Oil & Waste Management Corporation Ltd. Kanpur Dehat, U.P. 2. M/s Ramkey Enviro enginners Ltd., Kanpur Dehat, U.P., | Action plan to ensure all generators are linked to TSDF/Action plan in case there is no TSDF in the district or State—in such case evaluate existing storage and captive disposal facilities through SPCBs/PCCs | 50 lakhs | Not required | Industry/UPPCB | Complying |

| | | | | | | | |
|----|--------------------|--|--|----------|--------------|----------|-----------|
| 5. | Contaminated Sites | Are there any sites where soils /sediments/groundwater contaminated due to dumping of industrial wastes - No any Contaminated Sites detected | Action plan for identification of probable contaminated site of HW dumping, responsible parties for Contaminated site etc. and to remediate Contaminated sites | 50 lakhs | Not required | PPCB/CPC | complying |
|----|--------------------|--|--|----------|--------------|----------|-----------|

[SPCBs/PCCs is the prescribed authority to ensure implementation of Hazardous and Other (Management, Handling and Transboundary Movement) Rules, 2016. Rules also mandates department of industries to ensure training to workers involved in recycling and handling of hazardous wastes. Action plan for HW waste management should cover HW inventory in the district, check whether rules are implemented effectively, a systems for monitoring compliance needs to be in place.

Action plan need not be prepared in Tabular form. SPCBs/PCC should be part of action plan. Action plan may dwell upon other relevant action points not mentioned in above template.]

(vi) E-Waste Management

1.1 Current Status related to E-Waste Management

| Details of Data Requirement | Present Status |
|---|---|
| Inventory of E-Waste in MT/year | 5000 MT/Year |
| Collection centers established by ULBs in the District | 1 NPP, Shalempur, Sakaldiha, Chandauli |
| Collection centers established by Producers or their PROs | M/s Sri Balaji, Arazi No. 316\7, Village-Kataria, Pargana-Ralhulpur, District-Chandauli |
| No authorized E-Waste recyclers/ Dismantler | M/s Sri Balaji, Arazi No. 316\7, Village-Kataria, Pargana-Ralhulpur, District-Chandauli |

2.1 Identification of gaps and action plan:

| S. No. | Action points | Identification of gap | Action plan | | | Responsible agency | Timeline for completion of action plan |
|--------|---|---|--|-----------------|------------------|--------------------|--|
| | | | Action Point | Budget Required | Budget Available | | |
| 1 | Inventory / Generation of E-Waste / Bulk-waste generators | Check whether SPCB/PCC has completed inventory of E-Waste in the District. Inventory of bulk waste generators - No any E-Waste generator information available in district Chandauli | Completion of inventory | Not Applicable | Not Applicable | SPCB/PCC | June 2023 |
| 2 | E-Waste collection points | Availability of E-Waste collection points / call centres / kiosks in villages - Blocks //towns / cities – M/s Sri Balaji, Arazi No. 316\7, Village- Kataria, Pargana- Ralhulpur, District- Chandauli capacity (5 000 MT/Year) | Identification/ registering E-Waste collection centres in association with Producers - their PROs or Recyclers – M/s Sri Balaji, Arazi No. 316\7, Village- Kataria, Pargana- Ralhulpur, District- Chandauli capacity (5 000 MT/Year) | Not Applicable | Not Applicable | PCB | Complying |

| | | | | | | | |
|---|--|---|---|----------------|----------------|-------|-----------|
| 3 | Linkage among Stakeholders to channelize E-Waste | Check whether District administration has information on collection centres established by Producers/PROs? Administration should also identify authorised E-Waste recyclers in the district or in State to channelize E-waste collected in District.- Chandauli under process | Action plan to establish linkages between ULBs/Collection Centres of Producers and PROs/ SPCBs / Bulk waste generators/ Recyclers/ SPCBs/ District Administration/ Public | Not Applicable | Not Applicable | UPPCB | June 2023 |
| 4 | Regulation of Illegal E- Waste recycling / dismantling | Prevalence of informal trading, dismantling, and recycling of E-waste is in District | Action plan in coordination with SPCBs/PCCs and District Administration to check this activity. | Not Applicable | Not Applicable | UPPCB | June 2023 |
| 5 | Integration of informal sector | Whether mechanism exists for bringing informal sector into main stream in collection and recycling of E-Waste - Available | Evolve mechanism by involving producers / PROs. | Not Applicable | Not Applicable | UPPCB | June 2023 |
| 6 | Awareness and Education | Are there any programs at district level for awareness about E-waste management? No any awareness program organization | Plan special workshops and awareness campaigns through Producer / PROs | Not Applicable | Not Applicable | UPPCB | June 2023 |

[CPCB is the prescribed authority to grant Extended Producer Authorisation to various Producers of Electrical and Electronic Equipment being placed on market. Targets for collection of their E-Waste is given to each Producers. Every Producers should have installed a network of collection centres pan India, accordingly, every district should be covered. SPCBs/PCCS are given mandate to ensure implementation of EPR authorisation. Therefore district administration should have all information about collection centres / call centres established by various producers in the District. Such information should be disseminated to public and local administration. Action plan for E-Waste management should cover the aspects of inventory, collection centres for e-waste channelization, linkage with Producers of their PROs, linkage with recyclers, information of bulk waste generators and effective EPR verification by SPCBs. Action plan need not be prepared in Tabular form. SPCBs/PCC should be part of action plan. Action plan may dwell upon other relevant action points not mentioned in above template.]

3. Air Quality Management

a. Current Status related to Air Quality Management

| Details of Data Requirement | Present Status |
|--|--|
| Number of Automatic Air Quality monitoring stations in the district. - Operated by SPCB / State Govt / Central govt./ PSU agency : - Operated by Industry: | None (One monitoring station in the district has proposed) fund by World Bank. |
| Number of manual monitoring States operated by SPCBs | None |
| Name of towns / cities which are failing to comply with national ambient air quality stations | None |
| No of air pollution industries | 203 brick Kilns(89 brick Kiln Closed), 27 red category Industries, 53 Orange Category industries in Chandauli |

| | |
|--|--|
| | |
| Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln] / [Industrial Estate] / [Others] (Multiple selection) | Hotspots of air pollution Chandasi Coal mandi Near Pt. Deen Dayal Upadhyay Railway Station, Chandauli brick kiln & Industrial Estate |

b. Identification of gaps and action plan:

| S. No. | Action points | Identification of gap | Action plan | | | Responsible agency | Timeline for completion of action plan |
|--------|---|---|--|---|------------------|--------------------|--|
| | | | Action Point | Budget Required | Budget Available | | |
| 1. | Identification of prominent air polluting sources? | Carry out inventory of air pollution sources in District including hotspots or areas of concern pertaining to air pollution in association with SPCBs/PCCs may | Inventory of air pollution sources in district including hotspot or areas of concern pertaining to the air pollution is large industry/ small industry/ unpaved roads/ burning of waste stubble/brick kiln | 5.0 Lakhs | No | UPPCB | Dec 2023 |
| 2. | Ambient Air quality data? | Plan to get access to available air quality monitoring stations in the District operated by both Public and private agencies. | There is one CAAQMS station instillation has been proposed at collectorate campus, chandauli and fund initiated by world bank | 2.0 Crore with five years install actions and O&M | Yes | UPPCB | Dec 2024 |
| 3. | Setting up of Continuous Ambient Air Quality Monitoring Station | Like weather station, District may also have ambient air quality monitoring at major urban settlements or populated areas. Action plan may propose setting up at least one CAAQMS in District. Also access data generated by CAAQM stations installed by other pvt/ public agencies. District authority in association with local office of SPCB/PCC should also ensure that at least one manual Air Quality monitoring station is available in each city. [District admin may set-up its own network of CAAQMS or manual stations] | There is one CAAQMS station instillation has been proposed at collectorate campus, chandauli and fund initiated by world bank | 2.0 Crore with five years install actions and O&M | No | UPPCB | Dec 2024 |

| | | | | | | | |
|----|--|--|---|----------|----|-----------------------|-----------|
| 4. | District Level Action Plan for Air Pollution | Action plan should be prepared for both improvement of existing air quality as well as for non attainment days to national ambient air quality standards. [Measures may include multi sectoral approach for air pollution control such as promotion of public transport, use of green fuels, E-mobility, LPG based cooking, carpeting open areas/kerbs, etc. Action plans envisaged in NCAP project initiated by MoEF&CC may be referred] | CEPI Action plan has prepared for both improvement of existing air quality. | Yes | No | UPPCB | Dec, 2024 |
| 5. | Hotspots of air pollution in District | hotspot with respect to air pollution (such as stubble burning, illegal waste burning, unauthorised operations, cluster activities, forest fires etc.) should be identified and localised action plan for mitigation of the same should be prepared Industrial Pollution in Ramnagar Industrial Area. | CEPI Action plan has prepared for both improvement of existing air quality. | 5.0 Lakh | No | UPPCB/Nagar Panchayat | Dec, 2024 |
| 6. | Awareness on Air Quality | Plan for dissemination of information on local air quality in towns and cities located in District. May consider developing Mobile App/Online portal for dissemination of air quality as well as to take complaints on local air Pollution – Yes, complainant redressing system based on the online mode IGRS portal and swach Vayu App | Swach Vayu App has been developed and is operational | - | No | UPPCB | Comply |

[The district administration is expected know the air quality in the district, identify air polluting sources both industrial and urban area sources and shall monitor mitigation measures and compliance of air polluting sources. District level air quality management plan is necessary to monitor and implement programs for improving air quality in the district. Action plans prepared for 100+ non-attainment cities under NCAP project initiated by MoEF&CC may be referred for drawing district action plan. Action plan need not be prepared in Tabular form. SPCBs/PCC may be part of action plan for control of industrial air pollution. Action plan may dwell upon other relevant action points which are not mentioned in above template.]

4. Water Quality Management

4.1 Water Quality Monitoring

a. Current Status related to Water Quality Management

| Details of Data Requirement | Present Status |
|-----------------------------|----------------|
|-----------------------------|----------------|

| | |
|---|--|
| Rivers | Ganga Length 50 km , Karmnasha Length-60 km (Length approx) |
| Length of Coastline (if any) | Nil |
| Nalas/ Drains/Creeks meeting Rivers | River Ganga –Railway Nala & Ganda Nala of NPP Pt.D.D.U Nagar Chandauli |
| Lakes / Ponds | - |
| Total Quantity of sewage from towns and cities in District | 37 MLD |
| Quantity of industrial wastewater | 8 MLD |
| Percentage of untreated sewage | 100 % |
| Details of bore wells and number of permissions given for extraction of groundwater | Tube well of Existing Rural water supply scheme 79 Nos. Tube well under Amrut Scheme in Urban -10 Nos |
| Groundwater polluted areas if any | Nil |
| Polluted river stretches if any | Near about 10 km of Ganga River from meeting Nala of NPP Pt. D.D.U Nagar chandauli |

b. Identification of gaps and action plan for water quality monitoring:

| S. No | Action points | Identification of gap | Action plan | | | Responsible agency | Timeline for completion of action plan |
|-------|---|--|--|-----------------|------------------|---|---|
| | | | Action Point | Budget Required | Budget Available | | |
| 1. | Inventory of water bodies | An environmental monitoring cell shall maintain data of all water bodies (rivers/canals/ natural drains /creeks / estuaries /groundwater/ ponds /lakes/ etc.) in district including its water quality | Fund related to water testing is processed at Head Quarter UPJN LKO via PFMS . | NA | NA | UPPCB/Jal Nigam/ Nagar Palika Parishad Pt. DDU Nagar, Chandauli, Saiyadraja, Chakia/ Irrigation | Regular testing of water samples obtained from tubewell /handpumps is being carried out (Ground water) |
| 2. | Quality of water bodies in the district | Check availability of data on water bodies. Create a district level monitoring cell for periodic monitoring of water bodies for specific parameters in association with SPCBs.It is also necessary to disseminate information pertaining to water quality in the form of hoardings on river banks, official websites, etc. rejuvenate ground water in selected area. Action plan should be prepared for Rain water harvesting. | DPR for Interception of drain and treatment works has been sent for approval. | 276.14 crore | — | UPPCB/Jal Nigam/ Nagar Palika Parishad Pt. DDU Nagar, Chandauli, Saiyadraja, Chakia/ | Drain – Railway drain B.O.D 58 mg/L C.O.D 256 mg/L Darin –Ganda Drain B.O.D 87 mg/L C.O.D 432 mg/L DPR for Interception of drain and treatment works has been sent for approval. Rain water Harvesting structure has been proposed in every water works campus under JJM to be complete by 2024. |

| | | | | | | | |
|----|---|---|--|--------------|-------------|--|--|
| 3. | Hotspots of water contamination | Check trends of water quality and identify hotspot of surface water and ground water. Establish a system or separate cell to monitor water quality. Implement action points for restoration of water quality in association with SPCBs and department of environment. | 30 Nos of DPR of pipe water supply of Niyamtabad block covering 35 revenue villages has been Approved in SLSCC meeting dated 30.06.2021. | 77.73 Crore | 77.73 Crore | Jal Nigam | Major area identified by arsenic affected has been found in Block Niyamatabad, Chahaniya, and the arsenic affected area has been benefited by pipe water supply and also rest of the Block has been proposed to be benefited with pipe water supply by 2024. |
| 4. | Protection of river / lake water front | Action plan should be prepared for control river side open defecation, dumping of Solid waste on river banks, for idol immersion etc. | | | | Irrigation | Comply |
| 5. | Inventory of sources of water pollution | Check whether inventory of all sewage and wastewater discharge points into water bodies in the district. Action plan to complete inventory. | DPR for Interception of drain and treatment works has been sent for approval. | 276.14 crore | — | Jal Nigam/ Nagar Palika Parishad Pt. DDU Nagar, Chandauli, Saiyadraja, Chakia/Irrigation | Two Drains has been identified discharged into river Ganga, for which STP works has been proposed and DPR has been sent for approval. Completion will be two years after approval of DPR. As a precautionary measure NPP Pt.D.D.U Nagar has been doing bio-remediation treatment of both drains and tapped the drains by Iron Jalis. |
| 6. | Oil spill disaster management (for coastal districts) | Whether district oil spill crisis management group and District Oil Spill Disaster Contingency Plan has been created? If not, create District Oil Spill Crisis Management Group and District Oil Spill Disaster Contingency Plan for the district. | NA | NA | NA | Nagar Palika Parishad Pt. DDU Nagar, Chandauli, Saiyadraja, Chakia | Comply |
| 7. | Protection of flood plains | Check whether there is regulation for protection of flood plain encroachment? Action plan should be prepared for protection flood plain and prevention of encroachment. | | | | Irrigation | Comply |

| | | | | | | | |
|----|-----------------------------|---|--|---------|---------|-----------|--|
| 8. | Rejuvenation of groundwater | Check availability of groundwater and if required prepare action plan to rejuvenate ground water in selected areas. Action plan should be prepared for Rain water harvesting | 172 Nos of DPR of pipe water supply having provision of Rain Water Harvesting has been Approved in SLSCC meeting dated 30.06.2021 , 27.07.2021 and 13.09.2021. | 5.80 Cr | 2.82 Cr | Jal Nigam | Under project jal jeevan mission , all the proposed water works campus has the provision of Rain Water Harvesting System which has to be developed by 2024 |
| 9. | Complaints redressal system | Check whether there is any complaint redressing system based on Mobile App / Online, is available? If not, a complaint redressing system based on Mobile App / Online should be available at district level | | | | UPPCB | Comply |

4.2 Domestic Sewage

a. Identification of gaps and action plan for treatment of domestic sewage

| Details of Data Requirement | Present Status |
|---|----------------|
| No of Class-II towns and above | 0 nos |
| No of Class-I towns and above | 1 nos |
| No of Towns STPs installed | 0 nos |
| No of Towns needing STPs | 1 nos |
| No of ULBs having partial underground sewerage network | 0 nos |
| No of towns not having sewerage network | 1 nos |
| Total Quantity of Sewage generated in District from Class II cities and above | 30 MLD |
| Quantity of treated sewage flowing into Rivers (directly or indirectly) | NIL |
| Quantity of untreated or partially treated sewage (directly or indirectly) | 30 MLD |
| Quantity of sewage flowing into lakes | - |
| Total available Treatment Capacity | NIL |

b. Identification of gaps and action plan for treatment of domestic sewage:

| S. No. | Action points | Identification of gap | Action plan | | | Responsible agency | Timeline for completion of action plan |
|--------|--------------------------------|--|----------------|-----------------|------------------|--------------------|--|
| | | | Action Point | Budget Required | Budget Available | | |
| 1. | Sewage Treatment Plants (STPs) | Check whether existing capacity of STPs is adequate for treatment of sewage? If no, action plan for additional treatment capacity required should be prepared in association with ULBs/department of UD, | Not applicable | Not applicable | Not applicable | Jal Nigam | Comply |
| 2. | Underground sewerage network | Check available sewerage network and prepare Action plan for laying of sewerage network in town and cities. The project may be executed through ULBs and Department of UD. | Not applicable | Not applicable | Not applicable | Jal Nigam | Comply |

[Action plan for installing new /up-grading sewage treatment and laying of sewerage network is the mandate of local bodies, being cost intensive action points, the district administration may draw action points in consultation with

ULBs and Urban development department. Action plan need not be prepared in Tabular form. ULBs, SPCBs/PCC and UDD may be part of action plan for collection and treatment of sewage. Action plan may also dwell upon other relevant action points which are not mentioned in above template.]

Note:- [Project for interception Diversion and treatment for two nos of drains (Railway Nala & Ganda Nala) consisting of STP of Capacity 37 MLD , MPS 46 MLD, Interceptor sewer 3.75 Km , Rising main 60 M, Treated effluent Main 60 M and appurtenant works including 15 years of O/M has been sent for approval to SMCG Lucknow dated 10.02.2021 procedure for acquisition of land identified in Rauna village for STP is under process . Time duration for completion of projects will 2 years after sanction of DPR. As a Precautionary measure the Nagar Palika Parikshad Pt. D.D.U Nagar has been doing Bio-remediation treatment for both drains and has tapped them by Iron Jalis.]

5. Industrial wastewater management

a. Current Status related to Industrial Wastewater Management

| | |
|--|--|
| Number of Red, Orange, Green and White industries in the District | Nos of Red industries-31, Nos of Orange industries-45 Nos of Green industries-52 |
| No of Industries discharging wastewater | 10 |
| Total Quantity of industrial wastewater generated | 17.9 MLD |
| Quantity of treated industrial wastewater discharged into Nalas / Rivers | 17.9 MLD |
| Common Effluent Treatment Facilities | No Any CETPs |
| No of Industries meeting Standards | 128 |
| No of Industries not meeting discharge Standards | 00 |

b. Identification of gaps and action plan for industrial wastewater:

| S. No. | Action points | Identification of gap | Action plan | | | Responsible agency | Timeline for completion of action plan |
|--------|---|---|---|-----------------|------------------|-----------------------|--|
| | | | Action Point | Budget Required | Budget Available | | |
| 1. | Compliance to discharge norms by Industries | Identify gaps w.r.t industries not Meeting the standards. Necessary action be initiated through SPCBs against the industries not Meeting standards -Ongoing on the basis of Quarterly inspection by State Pollution Control Board | Identify gaps w.r.t industries not Meeting the standards. necessary action be initiated through SPCBs against the industries not Meeting standards -If any industries not Meeting the standards notices sent and Environmental Compensation (EC) | Not applicable | Not applicable | U.P.P.C.B/ C.P.C.B | Complying |

| | | | | | | | |
|----|----------------------------|---|----------------------------------|----------------|----------------|-----------|-----------|
| | | | has been impose against industry | | | | |
| 2. | Complaint redressal system | Check if there is any complaint redressing system based on Mobile App/Online is available? If not, a complaint redressing system based on Mobile App / Online portal may be prepared at district level – -Yes, complain redressing system available on IGRS portal | Not applicable | Not applicable | Not applicable | U.P.P.C.B | Complying |

6. Mining Activity Management plan

a. Current Status related to Mining Activity Management

| Details of Data Requirement | Existing Mining operations |
|--|------------------------------|
| Type of Mining Activity | Open cast mines, sand mining |
| No of licenced Mining operations in the District | 01 |
| Area covered under mining in the District | 10.12 Ha. + 24.28 Ha. |
| Area of Sand Mining | 0.3440 Sq Km. |
| Area of sand Mining | Ganga River bed |

b. Identification of gaps and action plan:

| S. No. | Action points | Identification of gap | Action plan | | | Responsible agency | Timeline for completion of action plan |
|--------|---|--|---|-----------------|------------------|--------------------|--|
| | | | Action Point | Budget Required | Budget Available | | |
| 1. | Monitoring of Mining activity | A district level task team may be identified to identify mining activity and to monitor status wither respect to environmental compliance | An enforcement committee has been formed for monitoring minning activity. If anywhere in District elligal minning activity found the action has been taken and fine etc taken as rules. | NA | -- | Mining Dep. | Being followed |
| 2. | Inventory of illegal mining if any mining | Action plan to identify illegal sand and other mining activity in the District through surveillance, patrolling and enforcement. District Level task Force may be constituted for control of illegal mining activity | The task force/committee has been constituted in the district. | NA | -- | Mining Dep. | Being followed |
| 3. | Environment compliance by Mining industry | Action plan for periodic verification of compliance to environmental conditions stipulated by SPCBs/PCC, MoEF&CC department of mines etc. SPCBs/PCC may be involved in this activity . | The task force/committee formed for prevent illegal minning and ensure environmental compliance by the mining industry. | NA | -- | Mining Dep. | Being followed |

7. Noise Pollution Management plan

a. Current Status related to Noise Pollution Management

| Details of Data Requirement | Measurable Outcome |
|--|---|
| No. of noise measuring devices available with various agencies in district | UTTAR PRADESH POLLUTION CONTROL BOARD, VARANASI No of analyzers -4 |

b. Identification of gaps and action plan:

| S. No. | Action points | Identification of gap | Action plan | | | Responsible agency | Timeline for completion of action plan |
|--------|---|---|---|-----------------|------------------|--|--|
| | | | Action Point | Budget Required | Budget Available | | |
| 1. | Availability of Sound/Noise Level Meters. | Need to check whether concerned agencies that is ULBs, SHOs, Traffic police and SPCB/PCC have noise level meters. District administration may ensure through an action plan that concerned agencies and environmental cell under district administration have adequate number of portable noise level meters. -9 No. of noise measuring devices available ies and environmental cell under district administration have adequate number of portable noise level meters. | There are 4 Noise Meter available and combine inspection with Traffic police and SPCB/PCC | NA | NA | UPPCB/ District Administration | Comply |
| 2. | Ambient Noise Level monitoring. | ULBs shall ensure that ambient sound levels comply with notified standards for residential, sensitive zones. An action. Apart from portable analyzers, fixed ambient noise level monitoring stations may be installed in major cities and towns, such stations may be installed by ULBs and SPCB/PCC, | NA | NA | NA | UPPCB | Not proposed |
| 3. | Signboards in Noise zones | District administration may ensure that adequate number of sign boards installed at sensitive zones in towns / cities in towns and cities . An action plan may be prepared by district authority. | NA | Budget Required | - | UPPCB/ District Administration | Not Proposed |
| 4. | Complaint redressing system | Action plan may envisage implementing a public complaint redressal system for noise pollution. Such application may be used by SHOs, Traffic police ULBs and SPCBs in the district - Yes, complaint redressing system based on Online mode IGRS portal | Not Required | Not Required | Not Required | UPPCB/Police/Traffic Police Department | Complying |

[District administration may ensure that concerned agencies responsible for control of noise pollution are equipped with adequate number of noise level meters. There should be a system to monitor ambient sound levels to ensure that national ambient noise standards are complied with. Action plan may be implemented through responsible agencies namely SHOs, Traffic police ULBs and SPCBs. Action plan need not be prepared in Tabular form. Action plan may also dwell upon other relevant action points which are not mentioned in above template.]
