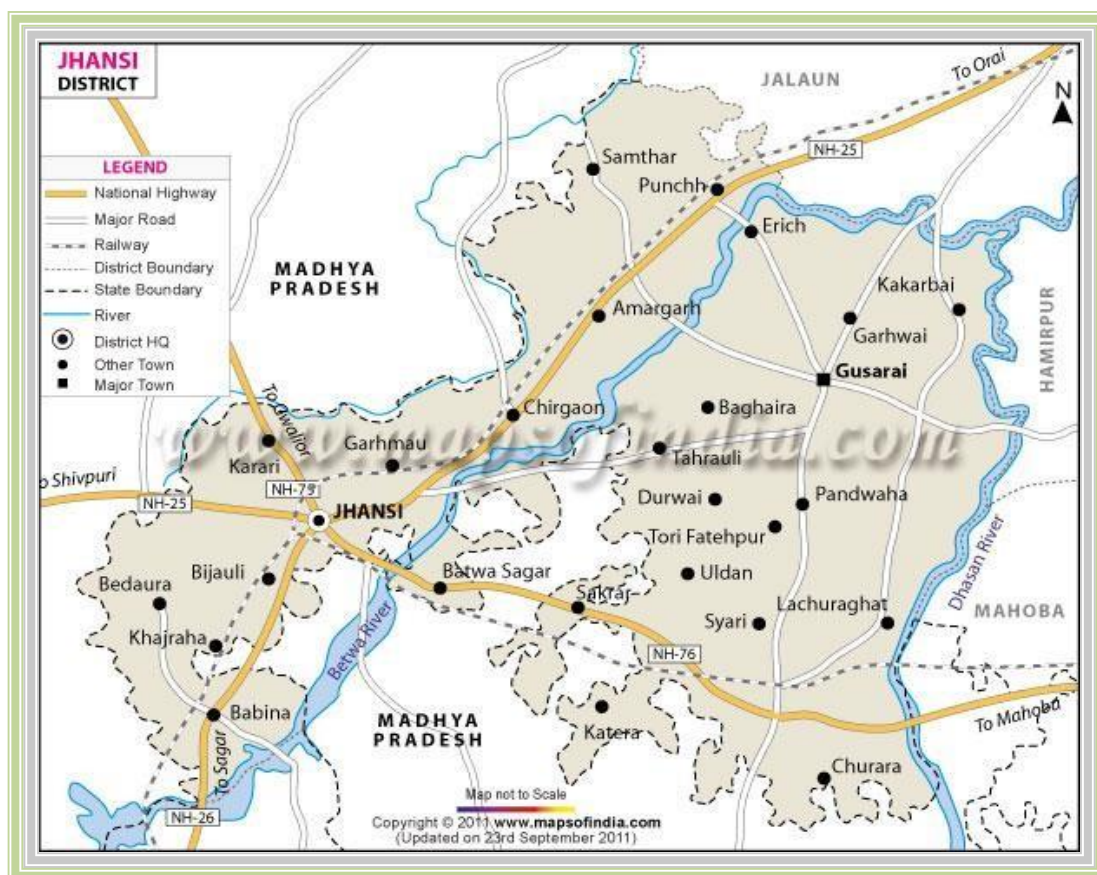


# District Environment Plan for District Jhansi

## Uttar Pradesh



**Collectorate-Jhansi, District- Jhansi (U.P.)**  
**Address: District Magistrate Office, Civil Line, Jhansi**  
**Jhansi-284001 (U.P.)**  
**E-mail:dmjhs@nic.in**

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## District Profile

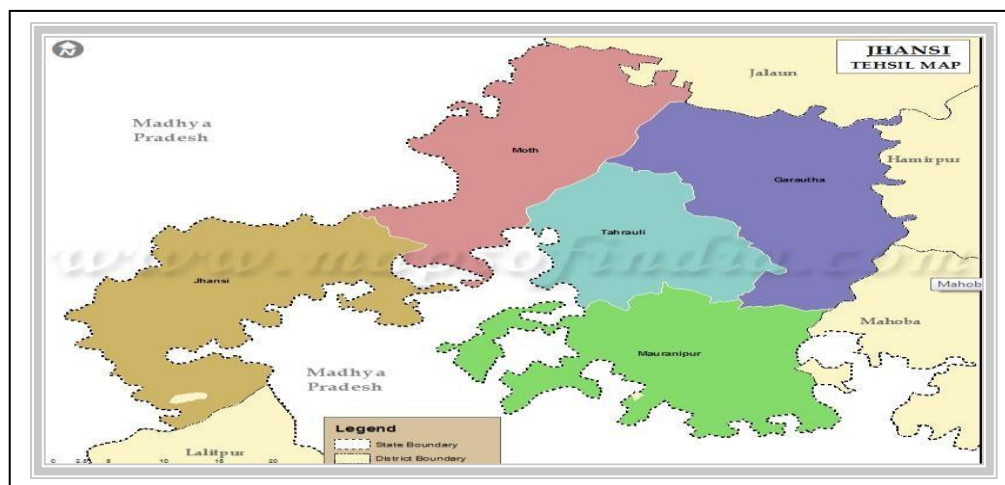
Jhansi is a part of Bundelkhand division. It is located on the south-western part of Uttar Pradesh. The district is bordered on the north by Jalaun District, to the east by Hamirpur and Mahoba District, to the south by Tikamgarh District of Madhya Pradesh and to the south west by Lalitpur District. Jhansi district has an area of 5024 sq.km. The district has a population of 19,98,603 with population density of 398 persons per sq. km. The district has been divided into two topographic categories e.g. north-eastern plains and south-west hilly terrains. The district has four major rivers Dhasam, Sukhnai, Lakheri, Betwa and Pahuj. The district has an average elevation of 284 meters (935 feet). Geologically, it is comparatively level; a low lying and fertile tract. It has the general appearance of a plain dotted with isolated low and rocky hills. The district has an irregular boundary. It is well connected to all other major towns in Uttar Pradesh by road and railway networks. It is about 415 km from Delhi and 292 km from Lucknow, and is known as the gateway to Bundelkhand. Three national highways NH-3, NH 25 and NH-76 pass through the district.

The District Jhansi is administratively divided into 8 blocks namely Baragaon, Chirgaon, Moth, Gursarai, Bamaur, Mauranipur, Babina and Bangra with 5 Tehsils, 894 Villages and 496 Gram Sabha. The major lakes and reservoirs in the district are Kachneo lake, Arjar lake, Barwar lake Barwasagar lake, Magarpur lake, Siaori lake, Magarwara lake and Pachwara lake, important dams area Pahuj, Dongri, Paricha, Dhukuwan, Pahari, Saprar, Lahchura and Khprar. The early history of the Jhansi district is connected with the region, which was known at different times as Chedidesha, Chedi-rashtra or Chedi Janapada, Jejakhukti, Jejahuti or Jajhoti and Bundelkhand. The region seems to have been inhabited by certain primitive group like the Bhils, Kols, Saheriyas, Gonds, Bhars, Bangars, and Khungars. Jhansi was a stronghold of the Chandela kings. Balwant Nagar was the name of this place but in 11th century Jhansi lost its importance. In 17th century under Raja Bir Singh Deo of Orchha Jhansi again rose to prominence. Raja Bir Singh Deo had good relations with the Mughal Emperor Jehangir. In 1613 Raja Bir Singh Deo constructed the Jhansi fort. He died in 1627. After his death his son Juhar Singh succeeded him. He called this fort as Jhansi', which in course of this time become corrupted to Jhansi. The district of Jhansi was formed as a separate unit of revenue administration by the British when they annexed it in 1854 and brought it under their administration. The district then consisted of nine parganas, Vijaigarh being one of them which made up the domain of Jhansi that had lapsed to the British. The district of Lalitpur, which came under the British administration in 1860, but continued to be a separate district till 1891 was also merged in Jhansi and it formed a sub division. Size of district is 5024 Sq. Km. and its rank in State 27 The latitude of Jhansi, Uttar Pradesh, is 25.436298, and the longitude is 78.567352. Jhansi, Uttar Pradesh, is located at India country in the Cities place category with the GPS coordinates of 25° 26' 10.6728" N and 78° 34' 2.4672" E.

The district is bordered on the north by Jalaun District, to the east by Hamirpur and Mahoba districts, to the south by Tikamgarh District of Madhya Pradesh state, to the southwest by Lalitpur District, which is joined to Jhansi District by a narrow corridor, and on the east, by the Datia and Bhind districts of Madhya.

The MoEF&CC and CPCB has identified the non-attainment cities mostly in Indo-Gangetic Plains based on ambient air quality data for the period 2011 – 2015 and WHO report 2014/2018. However, many of cities in India, including state capital, have similar problems of outdoor air pollution. Jhansi is one of the largest urban agglomerations in the National Capital Region has been identified as a NAC with the objective of evolving an action plan having action points with specific timelines based upon scientific inputs time bound actions and its effective implementation in order to bring down the pollution levels in the city. <https://cpcb.nic.in/approved-city-action-plans/>

**a. District Administrative Set-up**



**Revenue/Administration**

Name	Designation	Contact No.
Dr. Ajay Shankar Pandey	Commissioner, Jhansi Division	0510-2443313
Mr Ravindra Kumar	District Magistrate, Jhansi	0510-2470556
Mr. Shailesh Kumar	Chief Development Officer, Jhansi	0510-2440335
Mr. Avanish Kumar Rai	Municipal Commissioner, Nagar Nigam Jhansi	8808053861
Mr. Ram Suresh Verma	ADM (F & R)	9454417618
Mr. Sarvesh Kumar	Vice Chairman, Jhansi Development Authority	9450382928
Mr. Tribhuvan Vishvkarma	Secretary, Jhansi Development Authority	9506034777

**b. Local institutions**

Local Bodies	
Nagar Nigam	- 01
Nagar Palika Parishad	- 05
Nagar Panchayat	- 07
Cantonment Board	- 02

S.No.	Tehsil - 05
1	Jhansi
2	Mauranipur
3	Garautha
4	Tehroli
5	Moth

1	Babina
2	Badagaon
3	Bamaur
4	Bangra
5	Chirgaon
6	Gursarai
7	Mauranipur
8	Moth

<b>Panchayat</b>	<b>- 65</b>
<b>No. of Gram Panchayat</b>	<b>- 496</b>
<b>No. of Villages</b>	<b>- 839</b>

### **c. Natural Resources**

- **Water bodies**

The rivers of the district and their tributaries generally run from the south to the north and the north-east, the whole of the district is well drained so that there are no areas that suffer from water stagnation. The rivers are still active and grading their courses and adjusting themselves from the underlying structure. Although the depending process is restricted to the harder gneissic bed-rocks the widening process has removed the upper black soil layer and has carved out deep ravines in the adjacent softer stratum.

There are four principal rivers in the district- Betwa, Dhasan, Sukhnai, Lakheri and Pahuj as well as a number of minor streams which flow from Vindhyan tableland to north and north-east.

- **Availability of water resources**

The Bundelkhand region of Uttar Pradesh lies between the Yamuna River and the northern part of the Vindhyan ranges. It is spread over an area of 29,000 square kilometers and is home to 7.8 million people. It receives water from perennial rivers including the Yamuna, Ken, Betwa, Sindh, and Pahuj rivers. Over 75 percent of the population depends on agriculture for their primary livelihood, with 96 percent of the income generated from agriculture and livestock collectively.

- **Forest coverage**

National Forest Policy, 1988 envisages minimum of 33% of geographical area under forest and tree cover. In continuation, section-2,4 of State Forest Policy 2017 of Uttar Pradesh provide for increase in greenery by promoting plantation as mass movement by engaging different sections of society as students, ladies, farmers, differently able persons, ex army men, BPL families and forest dependent communities.

Jhansi is among one of the greenest city of Uttar Pradesh. Total geographical area of District Jhansi is 5024 sq km out of that 33.494 sq km is forest area. Mahoba & Jaloun, Hamirpur & Lalitpur of U.P., Datiya, Shivpuri, & Niwadi of M.P. falls within boundaries of Jhansi Forest Division. It is home of diverse flora and fauna. Forests have mixed plant species like Kardhai, Sheesham, Teak, Chilbill, Arjun, Arru & Khair, etc.

The Forests form the habited for wild animals like Hayna, Nilgai, Jackals and various kinds of Serpents.

The Forests also carry many bird species like eagles, Peacocks, Doves, Cuckoo, Hornbills, Parakeats etc. Forest area of district Jhansi lies mostly along the Betwa, Dhasan & Pahuj river which is lifeline of Jhansi district.

According to India State of Forest Report-2019, the forest cover of Uttar Pradesh is 14,805.65 square kilometers which is 6.15% of state's geographical area. In terms of forest canopy density classes, the state has 2616.43 sq kms under very dense forest (VDF), 4080.04 sq kms under moderately dense forest (MDF) and 8109.18 sq kms under Open Forest (OF). Forest cover in the state has increased by



126.65 sq kms as compared to the previous assessment report (2017). During 2015 to 2019 according to Forest Survey of India report. Forest/Tree cover of district Jhansi has increased from 4.26% to 6.05%.

To achieve the goals envisaged in the State Forest Policy, 2019 ; Government Order No 881/81-5/2019-03/2019 dated 21<sup>st</sup> November, 2019 has allotted targets of plantation to different departments for the year 2020-21, 2021-22 and 2022-23 during The year 2020-21 50.09 lakh Plant were planted against the target of 49.78 lakhs. Out of this, 18.96 lakh saplings were planted by Forest Department while 31.13 lakh saplings were planted by other departments.

DEC continuously monitors the frontward survival of plants through inter departmental checking. Third party monitoring of plantations of the year 2019 was also done by Forest Survey of India..

#### d. **Geography & Demography** **Geography**

Several railway lines serve the district. South of Jhansi District lies the hill country of Bundelkhand, which slopes down from the Vindhya Range. The district consists of the level plain of Bundelkhand, distinguished for its deep black soil, known as *mar*, and admirably adapted for the cultivation of cotton. The district is intersected or bounded by three principal rivers, the Pahuj, Betwa and Dhasan. The main city in Jhansi district is Jhansi. Other towns are Mauranipur, Garautha, Moth, Babina, Chirgaon, Samthar Gursarai Erich, etc.

#### **Demography**

According to the 2011 census Jhansi district has a population of 1,998,603, roughly equal to the nation of Slovenia or the US state of New Mexico. This gives it a ranking of 231st in India (out of a total of 640). The district has a population density of 398 inhabitants per square kilometer (1,030/sq mi). Its population growth rate over the decade 2001-2011 was 14.54%. Jhansi has a sex ratio of 890 females for every 1000 males, and a literacy rate of 69.68%. At the time of the 2011 Census of India, 98.76% of the population in the district spoke Hindi and 0.50% Urdu as their first language.

<b>Actual Population</b>	<b>1,998,603</b>	<b>Population growth</b>	<b>14.54%</b>
(a) Male	1,057,436	Area Sq. Km.	502.4
(b)Female	941,167	<b>Density/Km<sup>2</sup></b>	33.494
<b>Average literacy</b>	<b>75.05</b>	<b>Total child population (0-6 Year)</b>	<b>260,373</b>
(a)Male literacy	85.38	(a)Male(0-6 year)	139,559
(b)Female literacy	63.49	(b)Female(0-6 year)	120,814
<b>Literates</b>	<b>1,304,513</b>	<b>Sex ratio(per 1000)</b>	<b>890</b>
(a)Male	783,705	Child sex ratio(0-6 year)	866
(b)Female	520,808	Child proportion	13.03%

#### e. **Land-use pattern**

Land use pattern is largely influenced by the available irrigation facilities, which ultimately affect the economy of the area. Irrigation facilitates the intensive use of land resources and results in the increase of Gross Cropped Area and also improves the intensity.

S. No.	Particulars	Jhansi
1.	Total Geographic area(,000 ha)	501.3
2.	Forest(,000 ha)	34.4
3.	Cultivable area(,000 ha)	332.3
4.	Land non agricultural use(,000 ha)	42.3
5.	Permanent pasture(,000 ha)	0.7
6.	Cultivable wasteland(,000 ha)	-
7.	Land under misc use(,000 ha)	0.7
8.	Barren and uncultivable land(ha)	-
9.	Current fallows(,000 ha)	62.2
10.	Other fallows(,000 ha)	7.6
11.	Net sown area(,000 ha)	332.3
12.	Area sown more than once(,000 ha)	-
13.	Gross cropped area(,000 ha)	432.4
14.	Crop intensity	130.14

#### f. Climate

Being on a rocky plateau, Jhansi experiences extreme temperatures. Winter begins in October with the retreat of the southwest monsoon (Jhansi does not experience any rainfall from the Northeast Monsoon) and peaks in mid-December. Temperatures are about 4 °C or 39.2 °F minimum and 21 °C or 69.8 °F maximum. Spring arrives by the end of February and is a short-lived phase of transition. Summer begins by April and summer temperatures can peak at 47 °C or 116.6 °F in May. The rainy season starts by the third week of June (although this is variable year to year), while the monsoon rains gradually weaken in September and end before the last week of September. In the rainy season, the average daily high temperature hovers around 36 °C or 96.8 °F with high humidity. The average rainfall for the city is about 850 millimetres or 33 inches per year, occurring almost entirely within the three-and-a-half months of the Southwest Monsoon. In summer Jhansi experiences temperatures as high as 45 to 47 °C (113.0 to 116.6 °F) degrees while in winter the temperatures can fall as low as 0 to 1 °C (32.0 to 33.8 °F) as recorded in winter 2011.

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

### (i) Solid Waste Management

#### a. Current status related to solid Waste management

S. No.	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated per day
<b>1</b>	<b>Nagar Nigam - 01</b>				
	Nagar Nigam, Jhansi	60	124000	600000	250.0 MPD
<b>2</b>	<b>Nagar Palika Parishad - 05</b>				
	Nagar Palika Parishad, Samthar, Jhansi	25	3836	28068	4.90 TPD
	Nagar Palika Parishad, Baruasagar, Jhansi	25	4334	32281	8.00 TPD
	Nagar Palika Parishad, Mauranipur, Jhansi	25	14625	70457	11.94 TPD
	Nagar Palika Parishad, Gursrai, Jhansi	25	7610	32524	5.75 TPD
	Nagar Palika Parishad, Chirgaon, Jhansi	25	4130	20236	4.50 TPD
<b>3</b>	<b>Nagar Panchayats - 07</b>				
	Nagar Panchyat, Moth, Jhansi	12	3035	15692	2.55 TPD
	Nagar Panchyat, Garotha, Jhansi	10	3029	16392	1.86 TPD
	Nagar Panchyat, Todifathepur, Jhansi	11	2277	14822	2.21 TPD
	Nagar Panchyat, Ranipur, Jhansi	14	4408	21939	3.00 TPD



	Nagar Panchyat, Badagaon, Jhansi	10	2052	10130	1.62 TPD
	Nagar Panchyat, Erich, Jhansi	10	2714	10956	1.98 TPD
	Nagar Panchyat, Katera, Jhansi	10	1838	9114	1.36 TPD
<b>4</b>	<b>Cantonment Board - 02</b>				
	Cantonment Board Jhansi, Jhansi	07	1547	28343	12.0 TPD
	Cantonment Board Baina, Jhansi	07	2605	27852	4.5 TPD

S. No.	Urban Local bodies	No of Village panchayats / Blocks	No of House holds	Population	Solid Waste Generated per day
1	Babina	56	34999	209976	41995
2	Badagaon	47	26176	134060	26812
3	Bamaur	66	30533	143966	28793
4	Bangra	59	34901	193606	38721
5	Chirgaon	63	36324	189265	37853
6	Gursarai	72	35062	182960	36592
7	Mauranipur	66	30010	179580	35916
8	Moth	67	41552	229793	45958
	<b>Total-08</b>	<b>496</b>	<b>-</b>	<b>-</b>	<b>-</b>

**b. Identification of gaps and Action plan:**

S. No.	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
1	<b>Segregation</b>						
(i)	Segregation of waste at source	Households are encouraged to segregate waste and the remaining is segregated by operations team 100%.	IEC and awareness programme	20 Lakh	4 Lakh	A G Enviro Pvt Ltd./ Jhansi Smart City Ltd	March 2023
				25 Lakh	20 Lakh	ULB NPP Barusa gar	Dec 2022
				25 Lakh	No	Cantonment Board, Babina	March 2022
				49 Lakh	44 Lakh	ULB NPP Gursrai	Dec 2022
				21 Lakh	16 Lakh	ULB NP Tondi Fatehp	Dec 2022

S. No .	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
						ur	
				18 Lakh	12 Lakh	ULB NP Erach	Dec 2022
				13.75 Lakh	8.75 Lakh	ULB NP Katera	Dec 2022
				15 Lakh	10 Lakh	ULB NP Baraga on	Dec 2022
				35 Lakh	29 Lakh	ULB NPP Chirga on	Dec 2022
				40 Lakh	30 Lakh	ULB NP Ranipu r	Dec 2022
				47 Lakh	42 Lakh	ULB NPP Samtha r	Dec 2022
				5.03 Cr.	4.98 Cr.	ULB NPP Mauran ipur	Dec 2022
				20 Lakh	15 Lakh	ULB NP Moth	Dec 2022
				20 Lakh	-	Cantt. Board Jhansi	Contingent on Availability of fund
				15 Lakh	10 Lakh	ULB NP Garaut ha	Dec 2022
2	Sweeping						

S. 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	Budget Available		
(i)	Manual Sweeping	- 100% of road covered for regular sweeping within Nagar Nigam Jhansi Boundaries - No Gap in manpower - No Gap in availability of sweeping tools/equipment.	No Gap	Not Required	-	Jhansi Municipal Corporation	Yes, Compliance is being done
				50 Lakh	45 Lakh	ULB NPP Baruasagar	Dec 2022
				25 Lakh	No	Cantt. Board, Babina	March 2023
				40 Lakh	35 Lakh	ULB NPP Gursrai	Dec 2022
				20 Lakh	15 Lakh	ULB NP Tondi Fatehpur	Dec 2022
				18 Lakh	12 Lakh	ULB NP Erach	Dec 2022
				12 Lakh	7.80 Lakh	ULB NP Katera	Dec 2022
				10 Lakh	5 Lakh	ULB NP Baragaoan	Dec 2022
				30 Lakh	25 Lakh	ULB NPP Chirgaoan	Dec 2022
				75 Lakh	71 Lakh	ULB NP Ranipur	Dec 2022
				41 Lakh	36 Lakh	ULB NPP Samthar	Dec 2022
				4.20 Cr.	4.14 Cr.	ULB NPP Mauranipur	Dec 2022

S. No .	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
				15 Lakh	12 Lakh	ULB NP Moth	Dec 2022
				20 Lakh	-	Cantt. Board Jhansi	Contingent on Availability of fund
				25 Lakh	20 Lakh	ULB NP Garautha	Dec 2022
(ii)	Mechanical Road Sweeping & Collection	20 Kms is being covered by Mechanical sweeping and 40 Kms more is targeted to be covered.	Machines to be procured under SBM 2.0	Not Required	-	Jhansi Municipal Corporation	50% Achieved , Rest 50 % will be achieved by the machines which will be procured by ULB's own resources
				NA	NA	Baruasa gar	NA
				25 Lakh	No	Cantt. Board, Babina	March 2022
				NA	NA	Gursarai	NA
				NA	NA	Tondi Fatehpur	NA
				NA	NA	Erach	NA
				NA	NA	Katera	NA
				NA	NA	Badagao n	NA
				NA	NA	Chirgao n	NA
				-	-	Ranipur	-
				NA	NA	Samthar	NA
				NA	NA	Maurani pur	NA
				NA	NA	Moth	NA
				10 Lakh	-	Cantt. Board, Jhansi	Contingent on Availability

S. 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	Budget Available		
				NA	NA	Garautha	ty of fund NA
<b>3</b>	<b>Waste Collection</b>						
(i)	100% collection of solid waste	No Gap	100 Percent collection of solid waste is being done in all 60 wards, but further budget is required for continuing operations.	30 Crore	6 Crore	A G Enviro Pvt Ltd./ Jhansi Smart City Ltd	Yes, Compliance is being done
				50 Lakh	45 Lakh	ULB NPP Baruasagar	Dec 2022
				NA	NA	Cantt Board Babina	NA
				44 Lakh	39 Lakh	ULB NPP Gursarai	Dec 2022
				20 Lakh	17 Lakh	ULB NP Tondi Fatehpur	Dec 2022
				25 Lakh	15 Lakh	ULB NP Erach	Dec 2022
				13 Lakh	8.50 Lakh	ULB NP Katera	Dec 2022
				25 Lakh	15 Lakh	ULB NP Badagao n	Dec 2022
				34 Lakh	29 Lakh	ULB NPP Chirgao n	Dec 2022
				40 Lakh	30 Lakh	ULB NP Ranipur	Dec 2022
				45 Lakh	40 Lakh	ULB NPP Samthar	Dec 2022
				4.07 Cr.	4.97 Cr.	ULB NPP Maurani pur	Dec 2022
				20 Lakh	15 Lakh	ULB NP	Dec 2022

S. No .	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
						Moth	
				2 Lakh	-	Cantt Board Jhansi	Contingent on Availability of Fund
				20 Lakh	15 Lakh	ULB NP Garautha	Dec 2022
(ii)	Arrangement for door to door collection	100 % of blocks/wards covered	100 Percent collection of door-to-door solid waste is being done in all 60 wards	Not Required	-	A G Enviro Pvt Ltd./ Jhansi Smart City Ltd	Yes, Compliance is being done
						ULB NPP Baruasagar	-
				NA	NA	Cantt Board Babina	-
						ULB NPP Gursarai	-
						ULB NP Tondi Fatehpur	-
						ULB NP Erach	-
				NA	NA	ULB NP Katera	-
				NA	NA	ULB NP Badagao n	NA
				NA	NA	ULB NPP Chirgao n	NA
				NA	NA	ULB NP Ranipur	NA
				NA	NA	ULB NPP Samthar	NA
				NA	NA	ULB	NA



S. 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	Budget Available		
						NPP Mauranipur	
				NA	NA	ULB NP Moth	NA
				50 Lakh	-	Cantt Board Jhansi	Contingent on Availability of Fund
				NA	NA	ULB NP Garautha	
(iii)	Waste Collection trolleys with separate compartments	Adequate	Yes all vehicles are equipped with source segregation facility	Not Required	-	Jhansi Smart City Ltd ULB Jhansi	Yes, Compliance is being done
				42 Lakh	28 Lakh	ULB NPP Baruasagar	Dec 2022
				NA	NA	Cantt Board Babina	Dec 2022
				42 Lakh	21 Lakh	ULB NPP Gursarai	Dec 2022
				28 Lakh	21 Lakh	ULB NP Tondi Fatehpur	Dec 2022
				10 Lakh	5 Lakh	ULB NP Erach	Dec 2022
				NA	28 Lakh	ULB NP Katera	Dec 2022
				10 Lakh	5 Lakh	ULB NP Badagaoan	Dec 2022
				21 Lakh	14 Lakh	ULB NPP Chirgaon	Dec 2022
				35 Lakh	28 Lakh	ULB NP Ranipur	Dec 2022
				42 Lakh	28 Lakh	ULB	Dec 2022

S. 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	Budget Available		
						NPP Samthar	
				1.65 Cr.	1.15 Cr.	ULB NPP Maurani pur	Dec 2022
				10 Lakh	5 Lakh	ULB NP Moth	Dec 2022
				5 Lakh	-	Cantt Board Jhansi	Contingent on Availability of Fund
				28 Lakh	21 Lakh	ULB NP Garautha	Dec 2022
(iv)	Mini Collection Trucks with separate compartments	Adequate	Yes, all Mini Collection Trucks are equipped with source segregation facility	Not Required	-	Jhansi Smart City Ltd	Yes, Compliance is being done
				42 Lakh	28 Lakh	ULB NPP Baruasagar	Dec 2022
				12 Lakh	-	Cantt Board Babina	Dec 2022
				42 Lakh	21 Lakh	ULB NPP Gursarai	Dec 2022
				28 Lakh	21 Lakh	ULB NP Tondi Fatehpur	Dec 2022
				10 Lakh	5 Lakh	ULB NP Erach	Dec 2022
				NA	28 Lakh	ULB NP Katera	Dec 2022
				10 Lakh	5 Lakh	ULB NP Badagaon	Dec 2022
				21 Lakh	14 Lakh	ULB NPP Chirgaon	Dec 2022

S. 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	Budget Available		
				35 Lakh	28 Lakh	ULB NP Ranipur	Dec 2022
				42 Lakh	28 Lakh	ULB NPP Samthar	Dec 2022
				1.65 Cr.	1.15 Cr.	ULB NPP Maurani pur	Dec 2022
				10 Lakh	5 Lakh	ULB NP Moth	Dec 2022
				-	-	Cantt Board Jhansi	Contingent on Availability of Fund
				28 Lakh	21 Lakh	ULB NP Garautha	
(v)	Waste Deposition centres (for domestic hazardous wastes)	As an alternative arrangement waste is collected and sold to recyclers.	waste is collected and sold to recyclers, but further will be recycled via plant after established	5 Cr	-	Jhansi Smart City Ltd	Dec 2023
				NA	NA	ULB NPP Baruasagar	NA
				5 Lakh	-	Cantt Board Babina	-
				NA	NA	ULB NPP Gursarai	-
				NA	NA	ULB NP Tondi Fatehpur	NA
				NA	NA	ULB NP Erach	NA
				NA	NA	ULB NP Katera	NA
				NA	NA	ULB NP Badagao n	NA
				NA	NA	ULB NPP Chirgao	NA

S. No .	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsi ble agencies	Timelin e for complet ion of action plan
			Action Point	Budget Required	Budget Available		
						n	
				NA	NA	ULB NP Ranipur	NA
				NA	NA	ULB NPP Samthar	NA
				NA	NA	ULB NPP Maurani pur	NA
				NA	NA	ULB NP Moth	NA
				NA	NA	Cantt Board Jhansi	Continge nt on Availabili ty of Fund
				NA	NA	ULB NP Garautha	NA
4.	Waste Transport						
(i)	Review existing infrastructure for waste Transport.	8 Hook loaders are required including 2 transfer stations.	Action plan for short-comings identified.	15 Cr	Nil	Jhansi Smart City Ltd Jhansi Nagar Nigam	Dec 2023
				20 Lakh	15 Lakh	ULB NPP Baruasagar	Dec 2022
				NA	NA	Cantt Board Babina	Dec 2022
				19 Lakh	14 Lakh	ULB NPP Gursarai	Dec 2022
				10 Lakh	5 Lakh	ULB NP Tondi Fatehpur	Dec 2022
				10 Lakh	5 Lakh	ULB NP Erach	Dec 2022
				10 Lakh	5 Lakh	ULB NP Katera	Dec 2022

S. 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	Budget Available		
				10 Lakh	5 Lakh	ULB NP Badagao n	Dec 2022
				15 Lakh	10 Lakh	ULB NPP Chirgao n	Dec 2022
				34 Lakh	24 Lakh	ULB NP Ranipur	Dec 2022
				20 Lakh	15 Lakh	ULB NPP Samthar	Dec 2022
				2.50 Cr.	2.30 Cr.	ULB NPP Maurani pur	Dec 2022
				10 Lakh	7 lakh	ULB NP Moth	Dec 2022
				-	-	Cantt Board Jhansi	-
				10 Lakh	5 Lakh	ULB NP Garautha	Dec 2022
(ii)	Bulk Waste Trucks	Adequate	No Gap	Not Required	-	Jhansi Smart City Ltd	Yes, Compliance is being done
				NA	NA	ULB NPP Baruasa gar	NA
				NA	NA	Cantt Board Babina	-
				NA	NA	ULB NPP Gursarai	-
				NA	NA	ULB NP Tondi Fatehpur	NA
				NA	NA	ULB NP Erach	NA
				NA	NA	ULB NP	NA

S. No .	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timelin e for complet ion of action plan
			Action Point	Budget Required	Budget Available		
						Katera	
				NA	NA	ULB NP Badagao n	NA
				NA	NA	ULB NPP Chirgao n	NA
				NA	NA	ULB NP Ranipur	NA
				NA	NA	ULB NPP Samthar	NA
				NA	NA	ULB NPP Maurani pur	NA
				NA	NA	ULB NP Moth	NA
				-	-	Cantt Board Jhansi	-
				NA	NA	ULB NP Garautha	NA
(iii)	Waste Transfer points	2 Transfer stations Required	Tender will be floated post availability of funds	15 Cr	0	Jhansi Smart City Ltd	Dec 2023
				NA	NA	ULB NPP Baruasa gar	NA
				NA	NA	Cantt Board Babina	-
				NA	NA	ULB NPP Gursarai	NA
				NA	NA	ULB NP Tondi Fatehpur	NA
				NA	NA	ULB NP Erach	NA
				NA	NA	ULB NP	NA



S. 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	Budget Available		
						Katera	
				NA	NA	ULB NP Badagao n	NA
				NA	NA	ULB NPP Chirgao n	NA
				NA	NA	ULB NP Ranipur	NA
				NA	NA	ULB NPP Samthar	NA
				NA	NA	ULB NPP Maurani pur	NA
				NA	NA	ULB NP Moth	NA
				-	-	Cantt Board Jhansi	-
				NA	NA	ULB NP Garautha	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>						
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Tender floated for 320 TPD that will fulfil adequacy.	Tender in Process	PPP	-	Jhansi Municipal Corporation	March 2023
				NA	NA	ULB NPP Baruasagar	NA
				NA	NA	Cantt Board Babina	-
				NA	NA	ULB NPP Gursarai	-
				NA	NA	ULB NP Tondi	NA

S. 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	Budget Available		
						Fatehpur	
				NA	NA	ULB NP Erach	NA
				NA	NA	ULB NP Katera	NA
				NA	NA	ULB NP Badagao n	NA
				NA	NA	ULB NPP Chirgao n	NA
				NA	NA	ULB NP Ranipur	-
				NA	NA	ULB NPP Samthar	NA
				NA	NA	ULB NPP Maurani pur	NA
				NA	NA	ULB NP Moth	NA
				-	-	Cantt Board Jhansi	-
				NA	NA	ULB NP Garautha	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wet waste.	Existing composting facility operational	Already Operational	Not Required	-	Jhansi Municipal Corporation	March 2023
				45 Lakh	34 Lakh	ULB NPP Baruasagar	Dec 2022
				NA	NA	Cantt Board Babina	-
				12 Lakh	7 Lakh	ULB NPP Gursarai	Dec 2022

S. 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	Budget Available		
				28 Lakh	23 lakh	ULB NP Tondi Fatehpur	Dec 2022
				20 Lakh	15 lakh	ULB NP Erach	Dec 2022
				12 Lakh	7 Lakh	ULB NP Katera	Dec 2022
				20 Lakh	15 Lakh	ULB NP Badagao n	Dec 2022
				50 Lakh	40 Lakh	ULB NPP Chirgao n	Dec 2022
				31 Lakh	21 Lakh	ULB NP Ranipur	Dec 2022
				20 Lakh	NA	ULB NPP Samthar	Dec 2022
				20 Lakh	12 Lakh	ULB NPP Maurani pur	Dec 2022
				20 Lakh	15 lakh	ULB NP Moth	Dec 2022
				67 Lakh	-	Cantt Board Jhansi	Contingent on Availability of Fund
				20 Lakh	-	ULB NP Garautha	Dec 2022
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	2 MRF Centers in Operation and 5 are in tender Process	Tender Floated	Sanctioned in SBM 2.0	Yes	Jhansi Municipal Corporation	March 2023
				60 Lakh	50 Lakh	ULB NPP Baruasagar	Dec 2022
				1.5 Crore	No	Cantt Board Babina	Dec 2022

S. 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	Budget Available		
				60 Lakh	50 Lakh	ULB NPP Gursarai	Dec 2022
				60 Lakh	50 Lakh	ULB NP Tondi Fatehpur	Dec 2022
				60 Lakh	50 Lakh	ULB NP Erach	Dec 2022
				60 Lakh	50 Lakh	ULB NP Katera	Dec 2022
				60 Lakh	50 Lakh	ULB NP Badagao n	Dec 2022
				60 Lakh	50 Lakh	ULB NPP Chirgao n	Dec 2022
				60 Lakh	50 Lakh	ULB NP Ranipur	Dec 2022
				60 Lakh	50 Lakh	ULB NPP Samthar	Dec 2022
				60 lakh	50 Lakh	ULB NPP Maurani pur	Dec 2022
				60 lakh	50 Lakh	ULB NP Moth	Dec 2022
				85 lakh	-	Cantt Board Jhansi	Contingent on Availability of Fund
				60 Lakh	50 Lakh	ULB NP Garautha	Dec 2022
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	No waste is being disposed on dumpsites. Site for sanitary Landfill have been identified	Sites Identified	Sanctioned in SBM 2.0	-	Jhansi Municipal Corporation	Dec 2023
				NA	NA	ULB NPP Baruasagar	-

S. No .	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
				50 Lakh	No	Cantt Board Babina	Dec 2022
				NA	NA	ULB NPP Gursarai	NA
				NA	NA	ULB NP Tondi Fatehpur	NA
				NA	NA	ULB NP Erach	NA
				NA	NA	ULB NP Katera	NA
				NA	NA	ULB NP Badagao n	NA
				NA	NA	ULB NPP Chirgao n	NA
				NA	NA	ULB NP Ranipur	NA
				NA	NA	ULB NPP Samthar	NA
				NA	NA	ULB NPP Maurani pur	NA
				NA	NA	ULB NP Moth	NA
				-	-	Cantt Board Jhansi	-
				NA	NA	ULB NP Garautha	NA
(v)	Remediation of historic / legacy dumpsite	Done	In place	Not Required	-	Jhansi Municipal Corporation	In Place
				NA	NA	ULB NPP Baruasa	NA

S. No .	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timelin e for complet ion of action plan
			Action Point	Budget Required	Budget Available		
						gar	
				NA	NA	Cantt Board Babina	-
				NA	NA	ULB NPP Gursarai	NA
				NA	NA	ULB NP Tondi Fatehpur	NA
				NA	NA	ULB NP Erach	NA
				NA	NA	ULB NP Katera	NA
				NA	NA	ULB NP Badagao n	NA
				NA	NA	ULB NPP Chirgao n	NA
				NA	NA	ULB NP Ranipur	NA
				NA	NA	ULB NPP Samthar	NA
				NA	NA	ULB NPP Maurani pur	NA
				NA	NA	ULB NP Moth	NA
				-	-	Cantt Board Jhansi	-
				NA	NA	ULB NP Garautha	NA
(vi)	Involvement of NGOs	Whether involvement of NGOs envisaged	NGOs can be involved for management of solid waste campaign	Not Required	-	Jhansi Municipal Corporation	Yes, Compliance is being done
				NA	NA	ULB NPP	



S. No .	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
						Baruasa gar	
				15 Lakh	No	Cantt Board Babina	-
				NA	NA	ULB NPP Gursarai	NA
				NA	NA	ULB NP Tondi Fatehpur	NA
				NA	NA	ULB NP Erach	NA
				NA	NA	ULB NP Katera	NA
				NA	NA	ULB NP Badagao n	NA
				NA	NA	ULB NPP Chirgao n	NA
				NA	NA	ULB NP Ranipur	NA
				NA	NA	ULB NPP Samthar	NA
				NA	NA	ULB NPP Maurani pur	NA
				NA	NA	ULB NP Moth	NA
				-	-	Cantt Board Jhansi	-
				NA	NA	ULB NP Garautha	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	As per rules, producers and brand-owners should facilitate in collection of	Action plan for linkage of all producers/brand owners or their PROs for collection of	Not Required	-	Action has been taken by the State Govt.	Action has been taken by the State Govt.

S. No .	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timelin e for complet ion of action plan
			Action Point	Budget Required	Budget Available		
		packaging waste	plastic waste	NA	NA	ULB NPP Baruasagar	-
						Cantt Board Babina	-
				NA	NA	ULB NPP Gursarai	NA
				NA	NA	ULB NP Tondi Fatehpur	NA
				NA	NA	ULB NP Erach	NA
				NA	NA	ULB NP Katera	NA
				NA	NA	ULB NP Badagao n	NA
				NA	NA	ULB NPP Chirgao n	NA
				NA	NA	ULB NP Ranipur	NA
				NA	NA	ULB NPP Samthar	NA
				NA	NA	ULB NPP Maurani pur	NA
				NA	NA	ULB NP Moth	NA
				-	-	Cantt Board Jhansi	-
				NA	NA	ULB NP Garautha	NA
(viii)	Authorisation of Waste Pickers	Yes	List in Place	Not Required	-	Jhansi Municipal Corpor	Yes, Compliance is being

S. No .	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timelin e for complet ion of action plan
			Action Point	Budget Required	Budget Available		
						ation	done
				NA	NA	ULB NPP Baruasagar	-
						Cantt Board Babina	-
				NA	NA	ULB NPP Gursarai	NA
				NA	NA	ULB NP Tondi Fatehpur	NA
				NA	NA	ULB NP Erach	NA
				NA	NA	ULB NP Katera	NA
				NA	NA	ULB NP Badagao n	NA
				NA	NA	ULB NPP Chirgao n	NA
				NA	NA	ULB NP Ranipur	NA
				NA	NA	ULB NPP Samthar	NA
				NA	NA	ULB NPP Maurani pur	NA
				NA	NA	ULB NP Moth	NA
				-	-	Cantt Board Jhansi	-
				NA	NA	ULB NP Garautha	NA
(ix)	Preparation of own by-laws to comply with	Yes	Enforced since 2017-2018	Not Required	-	Jhansi Municipal	Yes, Compliance is

S. No .	Action points Forvillages / blocks/town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timelin e for complet ion of action plan
			Action Point	Budget Required	Budget Available		
	SWM Rules 2016					Corporation	being done
				NA	NA	ULB NPP Baruasagar	-
						Cantt Board Babina	-
				NA	NA	ULB NPP Gursarai	NA
				NA	NA	ULB NP Tondi Fatehpur	NA
				NA	NA	ULB NP Erach	NA
				NA	NA	ULB NP Katera	NA
				NA	NA	ULB NP Badagao n	NA
				NA	NA	ULB NPP Chirgao n	NA
				NA	NA	ULB NP Ranipur	NA
				NA	NA	ULB NPP Samthar	NA
				NA	NA	ULB NPP Maurani pur	NA
				NA	NA	ULB NP Moth	NA
				-	-	Cantt Board Jhansi	-
				NA	NA	ULB NP Garautha	NA

(ii) Plastic waste Management

(a) Current status related to Plastic waste management

S.No.	Urban Local bodies	Estimated quantity of Plastic Waste Generated per day
<b>1</b>	<b>Nagar Nigam - 01</b>	
	Nagar Nigam, Jhansi	36.0 TPD
<b>2</b>	<b>Nagar Palika Parishad - 05</b>	
	Nagar Palika Parishad, Samthar, Jhansi	0.34 MTP
	Nagar Palika Parishad, Baruasagar, Jhansi	0.60 MTP
	Nagar Palika Parishad, Mauranipur, Jhansi	0.83 MTP
	Nagar Palika Parishad, Gursrai, Jhansi	0.35 MTP
	Nagar Palika Parishad, Chirgaon, Jhansi	0.32 MTP
<b>3</b>	<b>Nagar Panchayats - 07</b>	
	Nagar Panchyat, Moth, Jhansi	0.20 MTP
	Nagar Panchyat, Garotha, Jhansi	0.13 MTP
	Nagar Panchyat, Todifathepur, Jhansi	0.15 MTP
	Nagar Panchyat, Ranipur, Jhansi	0.21 MTP
	Nagar Panchyat, Badagaon, Jhansi	0.20 MTP
	Nagar Panchyat, Erich, Jhansi	0.00 MTP
	Nagar Panchyat, Katera, Jhansi	0.09 MTP
<b>4</b>	<b>Cantonment Board - 02</b>	
	Cantonment Board Jhansi, Jhansi	0.04 MTP
	Cantonment Board Baina, Jhansi	0.00 MTP

S.No.	Rural Local Bodies	Estimated quantity of Plastic Waste Generated per day
1	Babina	2940
2	Badagaon	1877
3	Bamaur	2015
4	Bangra	1710
5	Chirgaon	2650
6	Gursarai	2561
7	Mauranipur	2514
8	Moth	3217
	<b>Total-08</b>	

(b) Identification of gaps and Action plan:

S. No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification 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	Above 90%	If not 100 %, action plan for door to door collection of SW	-	-	Jhansi Municipal Corporation	Door to Door collection of dry waste including

S. No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
							PW has been executed by the corporation.
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	2 transfer station required. 5 MRF Station's tender floated Yes, NGO's engagement is required Wastepickers are sufficient No linkage	Tender in place	-	-	Jhansi Municipal Corporation	Dec 2023
3.	PW collection Centres	Local Bodies may set-up own centres and also involve producers and brand-owners or their PROs to facilitate setting up of collection centres.	Plastic waste collection centre should be established in adequate numbers.  Coordination with State Urban Department may be necessary	-	-	Jhansi Municipal Corporation	30 Collection center has been established for PW collection.
4.	Awareness and education programs implementation	Review existing gaps in creating awareness among public for minimizing and recycling PW	Education through mass media, schools, Producer / brand owner campaigns and other channels	-	-	Jhansi Municipal Corporation	NGOs has been engaged for awareness campaigns and Education programs
5.	Access to Plastic Waste Disposal Facilities	Plastic to Fuel initiative under process.	Check if PW recycling facilities available at reasonable distance; Channel for sending PW collected to cement plants for processing; Availability of waste plastic oil producing	-	-	Jhansi Municipal Corporation	Plastic to Fuel initiative under process.



S. No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
			facilities; Linkage with PWD for usage of PW in road making. Action plan at district should involve Urban and Rural Local bodies				

### (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 Municipal Corporations / Municipalities) Jhansi Nagar Nigam, Jhansi	12 TPD
Does the District has access to C&D waste recycling facility?	Not Available

#### b. Identification of gaps and Action plan:

S.No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	Not Required	Tender has been floated for 50Tpd			Jhansi Municipal Corporation	March 2023
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	User fee implementation in place. No Gaps	Common by-laws may be implemented in District. Local C&D waste management plans can be integrated to develop common	-	-	Jhansi Municipal Corporation	Not Applicable

S.No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target timefor Compliance
			Action Point	Budget Required	Budget Available		
	more in one day or 300 tons per project in a month?		collection and recycling facilities				
3.	C&D recycling Facility	Plant setting in process	Tender has been floated	-	-	Jhansi Municipal Corporation	DPR has been sanctioned by the State Govt.
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Yes	Mentioned in DPR	-	-	Jhansi Municipal Corporation	DPR has been sanctioned by the State Govt.
5.	ICE on C & D waste management	Is there any sustained system of creating awareness created among local communities.	Action plan for awareness and education	-	-	Jhansi Municipal Corporation	DPR has been sanctioned by the State Govt.

**(iv) Biomedical Waste Management**

**a. Current Status related to biomedical waste**

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	182
Total no. of non-bedded HCF	230
No. of HCFs authorized by SPCBs/PCCs	156
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	01 (M/s Medical Pollution Control Committee, Bijoli, Jhansi)
Capacity of CBWTFs	100.0 Kg/Hr
No. of Deep burials for BMW if any	35
Quantity of biomedical waste generated per day	600.0 Kg/day

Quantity of biomedical waste treated per day	100.0 %
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**b. Identification of gaps and Action plan:**

S.No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Inventory and Identification of Healthcare Facilities	Inventorization and identification of HCF has already done.	Whenever HCFs is established, it apply for CTO and authorization granted as per board policy.	Not Assessed	Nil	UPPCB/ CMO	Complied
2	Adequacy of facilities to treat biomedical waste	No gap between Quantity of Biomedical Waste generated per day and quantity of Biomedical Waste treated and disposed in the district.	M/s MPCC(CBWTF), Bijoli, Jhansi is functional	Nil	Nil	UPPCB	Regular activity
3	Tracking of BMW	Bar code system is implemented by HCFs in District	bar code system is in protocol by M/s MPCC(CBWTF), Bijoli, Jhansi in the district	Nil	Nil	UPPCB/ Health Department	Regular activity
4	Awareness and education of healthcare staff	Yes, awareness programs and training to healthcare staff and ULB officials is carried out.	The date of program where last education awareness program for healthcare staff was carried on date 17.01.2022. Program organized by the Principal Medical College, Jhansi.	1 lakh	Nil	ULBs/ UPPCB/ Development Authority/NGOs/ Education Department	Complied

S.No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
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	Not Assessed	Nil	Health Department	Ongoing
6	Compliance to Rules by HCFs and CBWTFs	Regular inspection carried out to ensure compliance of all HCFs	Compliance is being done	0	0	UPPCB/ Health Department/CMO	Regular Activity
7	District Level Monitoring Committee	The District Magistrate Jhansi have constituted the District Level joint committee to check the HCFS & CBWTF vide letter no-581/NGT OA/ 180/Monitoring Committee dated 22.03.2022.	Compliance is being done	20000	Nil	UPPCB/ Forest Department	December 2023
8.	Waste water Treatment	Yes, wherever ETP required those HCFs are instructed to install.	Action plan by HCFs where applicable for installation of ETPs	0	0	UPPCB	Regular activity

**(v) Hazardous Waste Management**

**a. Current Status related to Hazardous Waste Management**

Details of Data Requirement	Present Status
No of Industries generating HW	13
Quantity of HW in the district	138.52 MT/Annum
(i) Quantity of Incinerable HW	13.1 MT/Annum
(ii) Quantity of land-fillable HW	7.4 MT/Annum
(iii) Quantity of Recyclable / utilizable HW	118.02 MT/Annum
No of captive/common TSDF	Nil
Contaminated Sites or probable contaminated sites	Nil

**b. Identification of gaps and action plan:**

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Regulation of industries and facilities generating Hazardous Waste	All hazardous waste industries are identified and authorized as per guideline, operated under jurisdiction of Jhansi	Identification of no. of units generating hazardous waste done, hazardous waste Industries authorization and a system of safe disposal is ensured as per guideline	Not Required	Nil	UPPCB	Regular activity
2.	Establishment of collection centres	All industries are connected with authorized TSDF	Adequate number of collection centers established and are linked to Common TSDF.	10 lakhs	Nil	Local authority / UPPCB	December 2023
3.	Training of workers involved in handling / recycling / disposal of HW	Workers training needs to be conducted	Training programmes shall be conducted to train workers on safety aspects as per HOWM rules 2016	1 lakh	Nil	UPPCB/ Industry	December 2023
4.	Availability / Linkage with common TSDF	No Gap	No Gap	Nil	Nil	UPPCB/ Industry	Regular activity

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
	or disposal facility						
5.	Contaminated Sites	There is no contaminated sites in district	No required	Nil	Nil	Department of Environment/ District Administration/ UPPCB	Regular activity

#### E-Waste Management

##### c. Current Status related to E-Waste Management

Inventory of E-Waste in MT/year	NIL
Collection centers established by ULBs in the District	NO
Collection centers established by Producers or their PROs	NO
No authorized E-Waste recyclers /Dismantler	NO

##### d. Identification of gaps and action plan:

S.No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1	Inventory / Generation of E-Waste / Bulk-waste generators	No E-Waste generated in district	Inventorization shall be done as per E-Waste Rules 2016	Nil	Nil	UPPCB	Nil
2	E-Waste collection points	No Gap,	No Gap			Nagar Nigam/ ULBs	No Gap
3	Linkage among Stakeholders to channelize E-Waste	Portacabins have been streamlined to sent waste to recyclers	Will be proposed post survey.	Not Assessed	Nil	Nagar Nigam/ ULBs	Nil
4	Regulation of Illegal E- Waste recycling /	Prevalence of informal trading, dismantling, and	Action plan in coordination	Not Assessed	Nil	District Administration	Nil

S.No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencie Respons ble	Target timefor Complian ce
			Action Point	Budge Requie d	Budget Available		
	dismantling	recycling of E-waste is in District	n with SPCBs/PC Cs and District Administra tion to check this activity.			/ULBs/U PP CB/RTO	
5	Integration of informalsector	Informal waste pickers are integrated for collection of E- Waste	List of informal pickers are available for collecting E-waste but No producers / PROs are available in ULBs	Nil	Nil	UPPCB	Dec, 2025
6	Awareness and Education	Segregation of E- waste are not practiced but IEC activities are needed for the same	After allocation of required budget awareness programs will be conducted by ULBs in district	1 lakh	Nil	ULBs/ UPPC B/ Develo pment Author ity/ NGOs/ Educat ion Depart ment	Dec, 2023

### 3.0 Air Quality Management

#### a. Current Status related to Air Quality Management

Number of Automatic Air Quality monitoring stations in the district. - Operated by SPCB / State Govt / Central govt./ PSU agency : - Operated by Industry:	Automatic Air Quality monitoring stations in District Jhansi SPCB-01 (Under Installation) Central Govt.-01 (Railway Station) PSU-01 (M/s Paricha Thermal Power Project, Kanpur Road, Jhansi) Industry – M/s Heidelberg Cement, Kanpur Road, Jhansi)
Number of manual monitoring Station operated by SPCBs	02 manual monitoring stations operated by SPCBs in district Jhansi at Residential Area-

	Veerangna Nagar and Commercial Area-Manik Chowk.
Name of towns / cities which are failing to comply with national ambient air quality stations	Jhansi City
No of air pollution industries	119
Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln] / [Industrial Estate] / [Others] (Multiple selection)	Large Industry-04 Small Industry-06 Construction sites- JDA Brick Kiln-00

**b. Identification of gaps and action plan:**

S. No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Identification of prominent air polluting sources?	Identification and inventory of air pollution sources in District including hotspots done	Hotspot action plan prepared	Not Assessed	Nil	UPPCB	Regular activity
2.	Ambient Air quality data?	Regular monitoring is done, data available at official website	Continuous monitoring done	Nil	Nil	UPPCB	Regular activity
3	Setting up of Continuous Ambient Air Quality Monitoring Station	CAAQMS installed in District. Also access data generated by CAAQM stations installed by other agencies. Also two manual stations operated in the district.	Continuous monitoring done	Nil	Nil	UPPCB	Complied
4.	District Level Action Plan for Air Pollution	Action plan for prepared for both improvement of existing air quality	-	Not Assessed	Nil	UPPCB	Covered under NACs
5.	Hotspots of air pollution in District	Hotspot with respect to air pollution identified.	Necessary actions taken to mitigate air pollution	Not Assessed	Nil	UPPCB	Regular Process



S. No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
6.	Awareness on Air Quality	Dissemination of information on local air quality in towns and cities located in District through online portals and mobile app	Swachh vayu app and sameer app available for awareness as well as to take complaints on local air pollution.	Nil	Nil	UPPCB	Mobile App/ Online portal for dissemination of air quality complaints is already in process.

#### 4.0 Water Quality Management

##### 4.1 Water Quality Monitoring

###### a. Current Status related to Water Quality Management

Details of Data Requirement	Present Status
Rivers	River - 04 (Betva, Pahuj, Sukhnai, Dhasan)
Length of Coastline (if any)	-
Nalas/ Drains/Creeks meeting Rivers	Municipal Drains
Lakes / Ponds	Lake - 01 (Gadamau Lake) Ponds - 02 (Laxmi Tal, Atiya Tal)
Total Quantity of sewage from towns and cities in District	85.0 MLD
Quantity of industrial waste water	570.0 MLD
Percentage of untreated sewage	100.0 %
Details of bore wells and number of permissions given for extraction of groundwater	04
Groundwater polluted areas if any	Nil
Polluted river stretches if any	NA

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

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Inventory of water bodies	Identification and inventorization of water bodies already done in the district.	Control room established in regional office Jhansi to monitor data of water bodies.	2 Lakhs	Yes	UPPCB/ Irrigation Dep.	Regular activity
2.	Quality of water bodies in the district	Periodic monitoring of water bodies done by SPCB. Data available on official website.	The surface water quality monitoring is being conducted by U.P. pollution control board under National water monitoring program as per directions of CPCB, Delhi,	Nil	Nil	UPPCB	Regular activity

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
			complies by uppcb Jhansi				
3.	Hotspots of water contamination	Continuous monitoring of water bodies carried out, till date no such hotspot of surface water and ground water identified.	Continuous monitoring of water bodies carried out.	Nil	Nil	UPPCB	Regular activity
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.	Sewage disposal in to pahuj dam is objectionable then awaited activities related to disposal is required	Concerned to Nagar Nigam		Nagar Nigam	Ongoing
5.	Inventory of sources of water pollution	Sewage and waste water discharge points already identified that may cause water pollution	Inventory already prepared for the district	Nil	Nil	UPPCB	Regular activity
6.	Oil spill disaster management (for coastal	Not applicable for the district	None	None	None	None	None

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
	districts)						
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.	Regular Activity	Not Required	Yes	District Administration	Ongoing
8.	Rejuvenation	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	To be implemented	Not Required	-	UPGWD	Regular Activity
9.	Complaints	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	Regular Activity	Not Required	Nil	District Administration/ Nagar Nigam	Completed

## 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	01
No of Class-I towns and above	00
No of Towns STPs installed	01 (Under trial Commissioning Laxmi Tal – 26.0 MLD)
No of Towns needing STPs	15
No of ULBs having partial underground sewerage network	None
No of towns not having sewerage network	None

Total Quantity of Sewage generated in District from Class II cities and above	45.0 MLD
Quantity of treated sewage flowing into Rivers(directly or indirectly)	Nil
Quantity of untreated or partially treated sewage (directly or indirectly)	45.0 MLD
Quantity of sewage flowing into lakes	45.0 MLD
Total available Treatment Capacity	NIL (Under trial Commissioning Laxmi Tal – 26.0 MLD)

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

S. No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Sewage Treatment Plants (STPs)	One in operation and another is under construction to cater capacity required.		Not Assessed	Nil	Jal Nigam// ULBs	Dec 2023
2.	Underground sewerage network	No fully established network	No Network sewerage provided by Nagar Nigam Jhansi & other urban local bodies (Nagar Palika Parishad & (Nagar Panchayats) of Jhansi. The Cantonment Board Jhansi have started the	Yes	No	ULBs	-

S. No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
			<p>Sewerage network construction to laying the under ground sewerage network which has started in year-2022.</p> <p>The Sewage Treatment Plant of 3.0 MLD capacity construction has been started and it may be completed by March-2023 work is going on progress.</p> <p>The 26.0 MLD Sewage Treatment Plant say Laxmi Tal is being used for Sewage Treatment in ownership Nagar Nigam,</p>				

S. No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
			Jhansi. At present sewerage network is not available for household of Nagar Nigam area Jhansi.				

## 5.0 Industrial waste water management

### a. Current Status related to Industrial Waste water Management

<b>Number of Red, Orange, Green and White industries in the district</b>	No. of Red industries - 12 No. of Orange industries - 128 No. of Green industries - 35 No. of White industries - 15
<b>No of Industries discharging waste water</b>	09
<b>Total Quantity of industrial waste water generated</b>	6.515 MLD
<b>Quantity of treated industrial waste water discharged into Nalas / Rivers</b>	4.34 MLD
<b>Common Effluent Treatment Facilities</b>	NIL
<b>No of Industries meeting Standards</b>	07
<b>No of Industries not meeting discharge standards</b>	02

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

S. No	Action Points	Gaps and Action Plan	Action Plan			Responsible Agency	Timeline for completion of action plan
			Action point	Budget Required	Budget available		
1.	Compliance to discharge	Regular Identification of industries carried out those	Environmental	Nil	Nil	UPPCB	Regular activity

	norms by Industries	not Meeting the standards also Environmental compliance and so caused notice issued regularly in case of not meeting standards	compliance and show caused notice issued regularly in case of not meeting standards				
2.	Complaint redressed system	Complaint redressing system based on Mobile App and Online is available.	Swachh vayu app and same er app already available for redressal of grievance of complaints	Nil	Nil	UPPCB	Regular activity

## 6.0 Mining Activity Management plan

### a. Current Status related to Mining Activity Management

Details of Data Requirement	Existing Mining operations
Type of Mining Activity	1. River bed sand mining 2. Building stone (Granite mining)
No of licensed Mining operations in the District	70
% Area covered under mining in the District	0.04 %
Area of Sand Mining	1.41 Sq Km
Area of sand Mining	1.41 Sq Km (River bed)

### b. Identification of gaps and action plan:

S. No.	Action Points	Gaps and Action Plan	Action Plan	Responsible	Timeline
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			Action point	Budget Required	Budget available	Agency	for completion of action plan
1.	Monitoring of Mining activity	A district level task team may be identified to identify mining activity and to monitor status with respect to environmental compliance	District level task team is identified by SEIA A U.P. to monitor w.r.t. environmental compliance	Not Assessed	Nil	District Mining Department	Ongoing Process
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	District level task force constituted to curb illegal mining	Not Assessed	Nil	District Administration/ District Mining Department	Ongoing Process
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.	Periodic verification of compliance to environmental conditions	Not Assessed	Nil	District Mining Department	Ongoing Process

S. No.	Action Points	Gaps and Action Plan	Action Plan			Responsible Agency	Timeline for completion of action plan
			Action point	Budget Required	Budget available		
			is made by SPCBs and DMO				

## 7.0 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	Regional Office, U.P. Pollution Control Board, Jhansi 03

### b. Identification of gaps and action plan:

S. No	Action Points	Gaps and Action Plan	Action Plan			Responsible Agency	Timeline for completion of action plan
			Action point	Budget Required	Budget available		
1.	Availability of Sound/ Noise level meters.	SPCB have portable noise level meters.	Points identified and regular monitoring done	Not Assessed	Nil	UPPCB/ District Administration/ ULBs/ SHOs/Traffic Police	Regular activity
2.	Ambient Noise Level monitoring.	Continuous noise monitoring done.	Task force made	Not Assessed	Nil	UPPCB/ ULBs	Complied
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.	District/ Tehsil level task force made	Not Assessed	Nil	District Administration/ ULBs/ Police	Complied
4.	Complaint	Complaint redressal	District/	Nil	Nil	District	Complied

S. No	Action Points	Gaps and Action Plan	Action Plan			Responsible Agency	Timeline for completion of action plan
			Action point	Budget Required	Budget available		
	redressing system	system through online portals	Tehsil level task force made			Administration /Police Administration/ UL Bs/UPP CB	

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