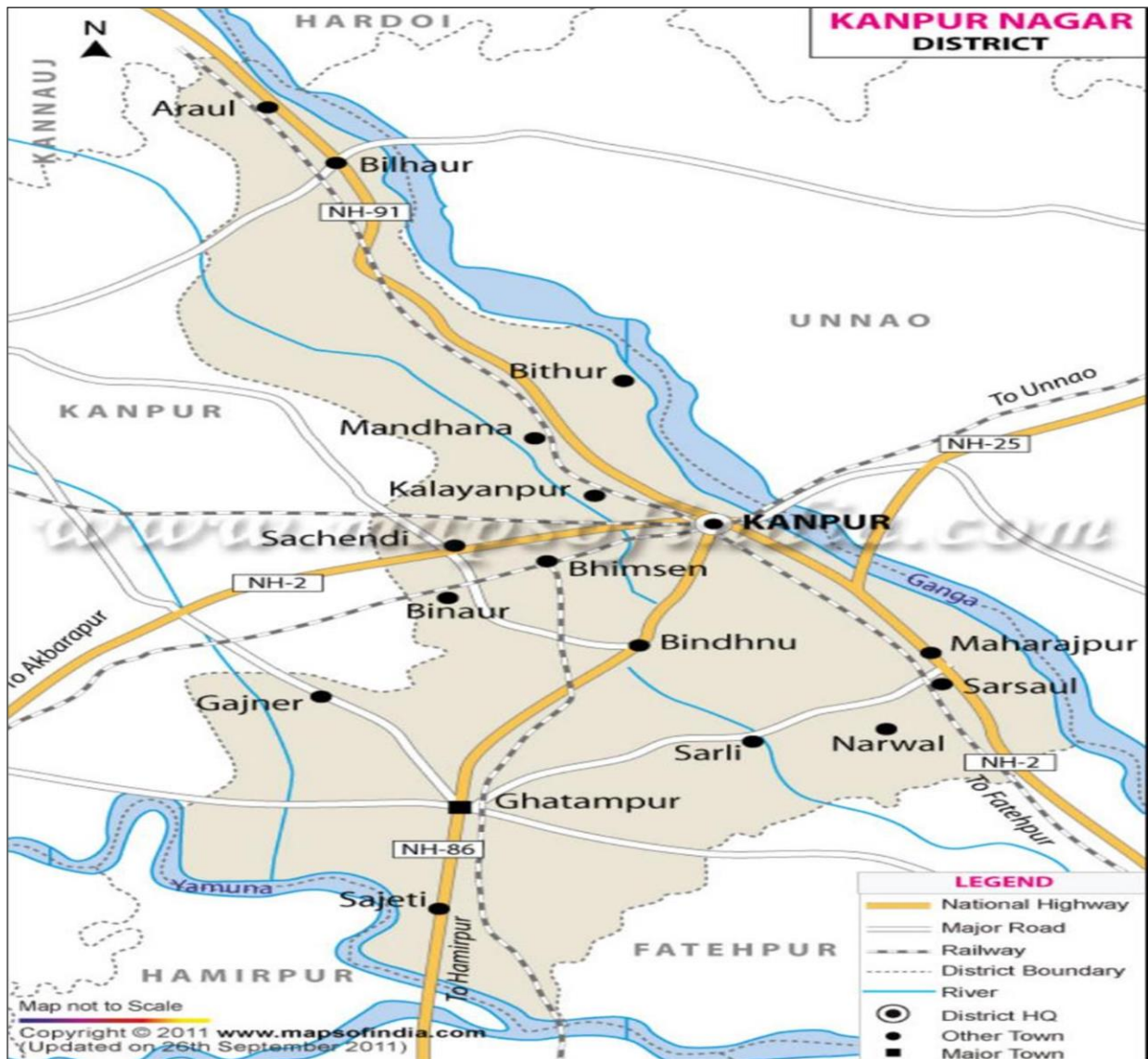


# District Environment Plan for District - Kanpur Nagar (U.P.)



Office of District Administration  
District Collector Kanpur Nagar District  
Office: Collectorate, Civil Lines, Kanpur Nagar -208001 (U.P.)  
E-Mail:- dmkap@nic.in

# Contents

1.0 District Profile .....	4
a. District Administrative Set-up.....	7
b. Local institutions .....	7
c. Natural Resources .....	7
▪ Land and Water bodies.....	7
▪ Minerals .....	7
▪ Forest coverage .....	7
d. Geography & Demography.....	7
e. Land-use pattern .....	8
f. Climate .....	9
2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules.....	9
(i) Solid Waste Management .....	9
a. Current status related to solid Waste management.....	9
b. Identification of gaps and Action plan.....	9
(ii) Plastic waste Management .....	16
(a) Current status related to Plastic waste management.....	16
(b) Identification of gaps and Action plan .....	17
(iii) C & D Waste Management .....	20
▪ a. Current status related to C & D Waste .....	20
b. Identification of gaps and Action plan .....	20
(iv) Biomedical Waste Management.....	22
a. Current Status related to biomedical waste.....	22
b. Identification of gaps and Action plan.....	22
(v) Hazardous Waste Management .....	25
a. Current Status related to Hazardous Waste Management .....	25
b. Identification of gaps and action plan.....	25
(vi) E-Waste Management .....	27
a. Current Status related to E-Waste Management.....	27
b. Identification of gaps and action plan.....	27
3.0 Air Quality Management.....	30
a. Current Status related to Air Quality Management .....	30
b. Identification of gaps and action plan.....	30
4.0 Water Quality Management .....	33
4.1 Water Quality Monitoring.....	33
a. Current Status related to Water Quality Management.....	33

District Environment Plan Kanpur Nagar	
b.	Identification of gaps and action plan for water quality monitoring ..... 34
	4.2 Domestic Sewage ..... 36
a.	Identification of gaps and action plan for treatment of domestic sewage ..... 36
b.	Identification of gaps and action plan for treatment of domestic sewage ..... 36
	5.0 Industrial wastewater management ..... 37
a.	Current Status related to Industrial Wastewater Management ..... 37
b.	Identification of gaps and action plan for industrial wastewater ..... 38
	6.0 Mining Activity Management plan ..... 38
a.	Current Status related to Mining Activity Management ..... 38
b.	Identification of gaps and action plan ..... 39
	7.0 Noise Pollution Management plan ..... 39
a.	Current Status related to Noise Pollution Management ..... 39
b.	Identification of gaps and action plan ..... 39

## 1.0 District Profile

### History

Kanpur is the biggest city of the state and is the main centre of commercial and industrial activities. Formerly it was known as Manchester of India. Now it is the commercial capital of Uttar Pradesh. Kanpur is the largest urban agglomeration in Uttar Pradesh. It is known as "Leather City" as it contains some of the largest and finest tanneries in the world. It is situated on the most important national highways no. 2 & 25 and state highway, the main Delhi-Howrah railway trunk lines & at the bank of holy river Ganga. It is about 126 meters above the sea level. Presently civilian air-service to Delhi is available for the city at Ahirwan. The other nearest civilian air port Amausi (Lucknow) is 65Km. away from Kanpur. Nestled on the banks of the eternal Ganga, Kanpur stands as one of North India's major industrial centers with its own historical, religious and commercial importance. Believed to be founded by king Hindu Singh of the erstwhile state of Sachendi, Kanpur was originally known as 'Kanhpur'. Historically, Jajmau on the eastern outskirts of present day Kanpur is regarded as one of the most archaic townships of Kanpur district. Today besides being the most industrialized region of the state, Kanpur is also an important educational centre, with institutions like Harcourt Butler Technological Institute, Agricultural College, Indian Institute of Technology, GSVM Medical College, National Sugar Institute and Government Textile Institute being located here.

### Main Occupation

Kanpur has mostly industries relating to leather shoe making and cotton textiles. Other factories include manufacturing of silk, woollen and jute textiles, food products, fire-bricks, fertilizers, railway wagons, textile machinery, television sets, metal ware, leather goods, soap, tents, durries, fountain pens, hosiery, cutlery, television picture tubes, etc.

### Area & Geography

Kanpur Nagar belongs to the track known as lower doab of Ganga and Yamuna. It is situated on the bank of river Ganga. It lies between the parallels of 80.2321 ° E and 26.4148° N latitude longitudes. It is bounded in north by district Kannauj and Hardoi, in east district Unnao, in south district Fatehpur & Hamirpur and in west Kanpur Dehat. The Holy Ganga River separates it from district Unnao in east and forms the natural boundary. Pandu river separates it from district Kanpur Dehat and Fatehpur in west & south respectively. Kanpur city is located on the banks of River Ganges and has an approximate area of 3155 square km. The city is located 126 meters above mean sea level. Kanpur lies in close vicinity of Lucknow, the capital of Uttar Pradesh and is 74 km from Lucknow. Another important city of Uttar Pradesh, Allahabad is situated at a distance of 254 km from Kanpur. The forest covers an area of 61.39 square km extending over 1.94% of the total geographical area of the district. Geographical Area: 3155 sq.km, Altitude: 126 m, Population: 45,81,268, Average Rainfall: 939 mm.

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. Kanpur Nagar 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/>

In 2009, the Ministry of Environment & Forests (MoEF), Govt. of India in association with Central Pollution Control Board (CPCB), New Delhi and Indian Institute of Technology (IIT), New Delhi have carried out an environmental assessment of industrial clusters across the country named "Comprehensive Environmental Pollution Index" (CEPI) with the aim of identifying polluted industrial clusters & prioritizing planning needs for intervention to improve the quality of environment in these industrial clusters and the nation as a whole. Kanpur city have Polluted Industrial Areas (PIAs). <https://cpcb.nic.in/new-cepi-action-plan/>

### a. District Administrative Set-up-

#### Administration:

Kanpur Nagar district is one of the districts of U.P., India. It is the district headquarters.

**Functions of District Magistrate / Collector:**

District is the main unit of the state. The District Magistrate/Collector is the administrator of the district. The most important work of the district magistrate is to implement various rules government orders. He is also responsible to maintain peace and justice in the district.

For planning purpose district is divided into Blocks. There are Ten (10) blocks in district Kanpur Nagar, Block Development Officer is the in-charge of the block. B.D.O monitors the implementation of all the programs related to planning and development of the blocks. To make the co-ordination in the development work and for implementation of various schemes at various blocks, there is an officer i.e., Chief Development Officer.

To maintain the general administration of the district there is 04 Additional district magistrate ,01 Divisional forest Officer and 07 Additional City Magistrate for the assistance of district magistrate.

**District administrator-**

Name	Designation
DR. RAJ SHEKHAR, IAS	COMMISSIONER KANPUR
Ms. NEHA SHARMA, IAS	DISTRICT MAGISTRATE
SRI. SATYENDRA KUMAR SINGH, PCS	ADM(LA)
SRI DAYANAND PRASAD	ADM (F/R)
SRI. ATUL KUMAR, PCS	ADM (CITY)
DR MAHENDRA , IAS	CHIEF DEVELOPMENT OFFICER
SHRI ARVIND KUMAR YADAV, IFS	DIVISIONAL FOREST OFFICER
SHRI VIJAY SINGH MEENA (IPS)	COMMISSIONER OF POLICE KANPUR NAGAR (ADG)
SHRI AKASH KULHARY (IPS)	ADDL.CP (LAW & ORDER) KANPUR NAGAR
DR MANOJ KUMAR (IPS)	ADDL.CP (HEADQUARTER & CRIME) KANPUR NAGAR
SALMAN TAJ PATIL (IPS)	DCP CRIME KANPUR NAGAR
B B G T S MUTTHY (IPS)	DCP TRAFFIC KANPUR NAGAR
SHRI ANOOP SINGH (IPS)	DCP EAST KANPUR NAGAR
SHRI SANJEEV TYAGI (IPS)	DCP WEST KANPUR NAGAR
SHRIMATI RAVEENA TYAGI (IPS)	DCP SOUTH KANPUR NAGAR
SHRI BRAJNARAYAN SINGH	ACP KOTWALI/OFFICE KANPUR NAGAR

Name	Designation
SHRI MOHD AKMAL KHAN	ACP ANWERGANJ /ACCOUNT KANPUR NAGAR
SHRI ASHOK KUMAR SINGH	ACP CANTT KANPUR NAGAR
SHRI TRIPURARI PANDAY	ACP KARNALGANJ KANPUR NAGAR
SHRI NISHANK SHARMA	ACP SISAMAU KANPUR NAGAR
SHRI MAHANDER SINGH DEV	ACP SWAROOP NAGAR KANPUR NAGAR
SHRI DINESH KUMAR SHUKLA	ACP KALYANPUR KANPUR NAGAR
SHRI ALOK SINGH	ACP BABUPURVA KANPUR NAGAR
SHRI VIKASH KUMAR PANDAY	ACP GOVIND NAGAR KANPUR NAGAR
SHRI SANTOSH KUMAR SINGH	ACP NAGERABAD KANPUR NAGAR

## Subdivisions &amp; Blocks –

S.NO	Sub-Division/Tehsil	Block
1	Kanpur Sadar	Kalyanpur
		Vidhnu
2	Bilhaur	Bilhaur
		Chaubepur
		Shivrajpur
		Kakwan
3	Narwal	Sarsol
4	Ghatampur	Ghatampur
		Bhitagraon
		Patara

## Tehsil Wise Villages –

S.No	Tehsil Name	Total Number of Villages
1	Kanpur Sadar	253
2	Bilhaur	410
3	Ghatampur	240
4	Narwal	207

**a. District Administrative Set-up**

S.No.	Location	Nagar Nigam/Nagar Palika/Panchyat
1	Kanpur Nagar	Nagar Nigam
2	Cantonment Board	Cantonment Board
3	Bithoor	Nagar Panchyat
4	Shivrajpur	Nagar Panchyat
5	Bilhore	Nagar Palika
6	Ghatampur	Nagar Palika

There are 590 Panchayats & 1003 Villages in District Kanpur Nagar.

**b. Local institutions**

Schools in Kanpur Nagar, whether using English or Hindi as a medium of instruction, are affiliated to any of the three major bodies, Central Board of Secondary Education (C.B.S.E.), Council for the Indian School Certificate Examinations (I.S.C.E), and Uttar Pradesh Madhyamik Shiksha Parishad (U.P. Board)

**c. Natural Resources**

- **Land & Water bodies**

Kanpur Nagar lies between two rivers Ganga & Pandu. The land of Kanpur district is plain and fertile. Main crops of kanpur nagar are wheat, paddy, potato, gram, maize & sugarcane.

- **Minerals**

The main mineral of the district is sand which is available in plenty in Ganga River . It is used in construction of home, bridges and roads etc. Brick soils are also available in kanpur Nagar. There are 292 brick kilns running in the district. These are one of the major employment generation sources for rural poor families.

- **Forest coverage**

The forest area of the district is about 61.39 square km. As per SFR-2019 record the status of thick forest is nil, open forest area is 59 sq km, moderately dense forest is 7 sq km and bushes area is 3 sq km in Kanpur Nagar.

**d. Geography & Demography**

As per Census 2011 Kanpur Nagar city has a population of 45,81,268. The district has a population density of 1452 (Census-2011) inhabitants per square kilometre (3,155/sq km). Its population growth rate over the decade 2001-2011 was **9.92%** (Census-2011) .Kanpur Nagar has a sex ratio of 863 females for every 1000 males, and a literacy rate of 79.7%.

<b>Description</b>	<b>Rural</b>	<b>Urban</b>
Population (%)	34.2%	65.8%
Total Population	1,565,623	3,015,645
Male Population	837,260	1,622,546
Female Population	728,363	1,393,099
Sex Ratio	870	859
Child Sex Ratio (0-6)	884	865
Child Population (0-6)	214,077	295,847
Male Child(0-6)	113,604	158,664
Female Child(0-6)	100,473	137,183
Child Percentage (0-6)	13.7 %	9.8%
Male Child Percentage	13.6 %	9.8%
Female Child Percentage	13.8 %	9.8%
Literates	1,010,152	2,232,870
Male Literates	594,367	1,234,812
Female Literates	415,785	998,058
Average Literacy	74.7%	82.1%
Male Literacy	82.1%	84.4%
Female Literacy	66.2%	79.5%

\*as per census 2011

**e. Land-use pattern**

The forest area of the district is about 6139 hectares. The detail of agricultural and irrigated area is given below:-

<b>Number of Tehsils</b>	<b>Total Number of Village</b>	<b>Total Area (In Sq. Km.)</b>	<b>Net Agricultural Land (In Hec.)</b>	<b>Net Irrigated Area (In Hec.)</b>
4	1003	3,155	263480	133798



**f. Climate**

Kanpur Nagar has a hot climate for most of the year. The average summer temperatures range from 25° C to 46° C, May and June being the hottest months. The monsoon extends from July-September. The total rainfall in the district varies from between 450 mm to 750 mm. Winters last from November to February-March. Cold waves from the Himalayan region make the winters in Kanpur Nagar very chilly. Temperatures fall as low as 3° to 4°C at the peak of winter.

**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**

	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated per day
1	Municipal corporations (Nagar Nigam or Mahanagar Palika)	110	569962	2765348	1250 MT
2	Municipalities (Nagar Palikas)	50		250297	13.09 MT
3	Nagar panchayats (Town area Councils)	21			6.40 MT

	Local Bodies	No of Village panchayats /Blocks	No of Households	Population	Solid Waste Generated per day
1	Block /Taluk / Mandal Tehsils	10	293376	1565623	704.53 MT
2	Village/Gram Panchayats	1003			

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

S. No.	Action points Forvillages /  blocks/town municipalities / City corporations	Identification ofgap	Action Plan			Responsible agencies	Timeline for completion of action plan
			Action point	Budget Required	Budget Available		
1	Segregation						
(i)	Segregation of waste at source	Segregation at source is practiced in 45% wards of Municipal corporation	Action plan to achieve segregation atsource. Awareness programs, incentives,	Kanpur Nagar Nigam has made an agreement with JTN Services for D2D collection & Segg. of waste for which the service	Health Departme nt KNN	1. At present, 45 percent of all households/ premises have segregation at source (wet, dry & domestic	

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		
			etc. may be considered	provider returns 11.6% of the total user charge collected against waste collection			hazardous) in practice. 2. Animators are involved in continuous IEC activities to have stability in maintaining segregation at source in D2D activities. 3. For intensive IEC activities two NGO's have been engaged through the process of tender for IEC activities. 4. The population growth, development of residential colonies, vertical expansion of multi-storied apartments in the town causes increase in daily garbage generation, hence continuous IEC programs being conducted to practice waste generator to minimize the waste through 4R concept and to achieve 100% segregation practice.

District Environment Plan Kanpur Nagar

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		
2	Sweeping						
(i)	Manual Sweeping	Manually approx. 400m is swept per worker, 50% gap in Manual Sweeping	Action plan for reducing gap including method cleaning, frequency of sweeping etc.	5.1 Cr	5.1 Cr	KNN	Comply (March 2023), As concern of solid waste management field staff, at present 1719 permanent staff and 10 contractual and 2026 outsourced staff is involved in S.W.M. activities, There are 3 stages of sweeping i.e. public area sweeping, Commercial area sweeping & Residential Area.
(ii)	Mechanical Road Sweeping & Collection	Daily 180 km of road length is swept through Truck mounted road sweeping machines Gap 5 more required	Projected growth / intended action plan with timelines	5.0 Cr	1.57 Cr	KNN	Total 6 TMRS are available with ULB all these are operational and daily each mahine covers minimum of 30km of road length so total 180km of road length is covered and monthly 5400km is covered.
3	Waste Collection						
(i)	100% collection of solid waste	Collection of solid waste is carried out in all 110 wards of KMC regularly.	Action plan to improve existing collection	Kanpur Nagar Nigam has made an agreement with JTN Services for D2D collection & Segg. of waste for which the service provider returns 11.6% of the total		KNN	Presently D2D Collection of generated waste achieve d is 90%.
(ii)	Arrangement for door to door	All 110 wards are	If there is gap, action			KNN	1. Collection of waste is done

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		
	collection	covered for D2D collection.	plan for door to door collection across the district	user charge collected against waste collection			at the door steps every day. 2. KNN has engaged vendors for door-to-door collection of waste through tender process. 3. The tender for door to door is covering all the 110 wards of Municipal Corporation 4. For the door to door work at present 294 LCV (Closed Bin Hopper Tipper) and 109 tricycle is involved. 5. Under Smart City mission Procurement of 150 Nos. closed bin hopper Tipper of 3.3 cum. Capacity is in Tender process.
(iii)	Waste Collection trolleys with separate compartments	Check availability and adequacy and if it needs upgradation	Action plan for procurement if required	Kanpur Nagar Nigam has made an agreement with JTN Services for D2D collection & Segg. of waste for which the service provider returns 11.6% of the total user charge collected against waste collection		KNN	Comply (December 2022)
(iv)	Mini Collection Trucks with separate compartments	Check if adequate or needs upgradation or not required	100 mini hopper tippers are procured through Smart city and handed over to health department of KNN and			KNN	Comply (December 2022)

## District Environment Plan Kanpur Nagar

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		
			are in operation.				
(v)	Waste Deposition centres (for domestic hazardous wastes)	15 more decentralized collection centers required	Details of existing practice and scope for improvement or implement adequate system			KNN	Comply (December 2022)
<b>4.</b>	<b>Waste Transport</b>						
(i)	Review existing infrastructure for waste Transport.	3 numbers of decentralized waste collection centers are required for each zone of municipal i.e. 18 numbers in total corporation for setting up portable compactors. Along with collection tippers in 200 numbers.	Action plan for short- comings identified.	47.00 Cr	28.00 Cr	KNN	For the collection & Transportation of wastes so generated is transferred directly to the Solid waste Management Plant through the Nagar Nigam vehicles. Presently 41 Tipper, 08 Mini Tippers, 09 dumper places of 8 MT., 09 dumper places of 4.5MT.
(ii)	Bulk Waste Trucks	[check adequacy]	[action plan for procurement if required]	-	4 Cr	KNN	09 JCB, 10 loader sand 09 Skid steer roller is involved in this Work
(iii)	Waste Transfer points	[check whether available / adequacy]	[action plan for installation if required]	5.00 Cr	2.5 Cr	KNN	Comply
<b>5</b>	<b>Waste Treatment and Disposal</b>						
(i)	Wet-waste Management: On-site composting by bulk waste generators	Whether number of bulk waste generators identified for	Action for getting onsite composting plants commissioned	NA	NA	KNN	All the identified BWG are issued notice for compliance

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		
	(Authority may decide on requirement as per Rules)	installation					with SWM Rule 2016. Accordingly register is being maintained and periodically the status of BWG is reviewed and updated.
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wet waste.	Facilities available including mobile facility and facilities in parks	If not action plan for developing / upgradation of bio-methanation or composting facility	NA	NA	KNN	The identified BWGs are advocated to establish the wet waste processing mechanism at their own premises and being supervised by the municipal sanitary inspector.
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	1 number of 50 MT capacity MRF is operational at SWM plant, One more facility of 5MT at sarameeta panki is under tendering process along with 10nos of MRF also under tendering process at different locations in Kanpur	Action plan for use of dry segregated waste in MRF operation	5.00 Cr	2.00 Cr	KNN	1. The segregated dry waste from presorting section is transferred to RDF Section. 2. Around 30 M.T. of dry waste is transferred daily to ESSEL Power Plant, Jabalpur. Cement Industries M.P. and Rajasthan through different vendors.

District Environment Plan Kanpur Nagar

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		
							3. Kanpur Nagar Nigam A Material Recovery Facility centre of 50 TPD is also developed in the premises of MSW plant
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Sanitary landfill available with ULB also ULB is in process with Energy companies for WTE plant	Action plan (i) to construct sanitary landfill If required (ii) Action plan to minimise land filling	-	-	KNN	Complied (December 2022)
(v)	Remediation of historic / legacy dumpsite	Old dump site under remediation	Action plan for remediation of legacy / historic dumpsite.	12.00 Cr	8.00 Cr	KNN	Comply (December 2022)  Kanpur Nagar Nigam is managing the legacy waste in a phase wise manner
(vi)	Involvement of NGOs	Yes like Hariyali, Parivartan, Dikshank	NGOs can be involved for management of solid waste campaign	10.00 Cr	4.00 Cr	KNN	Professional NGO's are being Engaged by Municipal Corporation
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Collection of packaging material is Under regular activity from industrial area	Action plan for linkage of all producers/br and owners or their PROs for collection of plastic waste	NA	NA	UPPCB	December 2022.  •UPPCB has issued the direction to Producers /Brand Owners for submission of EPR.  •Many Producers /Brand Owners

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		
							have been submitted EPR and they are complying the EPR directions.
(viii)	Authorisation of Waste Pickers	Yes/No	List of authorised waste pickers should be available	NA	NA	KNN	Yes, a system to recognize organizations of waste pickers or in formal waste collectors and promote and establish a system for integration of these authorized waste-pickers is there
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes/No	If not prepared action plan for preparation of by-laws which may be applicable in cantonment Board jurisdiction	No	No	KNN	Comply (December 2022)

**(ii) Plastic waste Management****(a) Current status related to Plastic waste management**

	Urban Local bodies	Estimated quantity of Plastic Waste Generated per day
1	Municipal corporations (Nagar Nigam or Mahanagar Palika)	Average 31.7 Ton/day
2	Municipalities (Nagar Palikas)	0.32 Ton/day
3	Nagar panchayats (Town area Councils)	0.16 Ton/day

Local Bodies	Plastic Waste Generated per day
--------------	---------------------------------



2	Block /Taluk / Mandal Tehsils	0.32 Ton/day
3	Village/Gram Panchayats	0.16 Ton/day

**(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	[100%] / [partial %] / [not initiated]	If not 100 %, action plan for door to door collection of SW	Kanpur Nagar Nigam has made an agreement with JTN Services for D2D collection & Segg. of waste for which the service provider returns 11.6% of the total user charge collected against waste collection		KNN	Presently D2D collection of generated waste achieved is 90%. 294 closed bin hopper tipper and 109 tricycle is involved. Under Smart city mission procurement of 150 Nos closed bin hopper tipper of 3.3 cum. Capacity is in tender process.
2.	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	This infrastructure is linked to SW management. May check gaps with respect to: <ul style="list-style-type: none"> <li>• Availability of transfer points and material recovery facility</li> <li>• Involvement of informal sector</li> </ul>	Within the district outline specific plans for Each village panchayat/block/ municipality / Nagar panchayat / Corporation s for plastic waste	5.00 Cr	2.00 Cr	Identify agencies at local and district level to implement And monitor Progress respecti	1. As per Attached SWM Action Plan (At present 45% premises have segregation at source in practice. 2. Kanpur Nagar Nigam A

District Environment Plan Kanpur Nagar

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		
		/ NGO. • Registering waste pickers • Linkage with PW recyclers Involvement of producers and brand-owners	collection			vely	Material Recovery Facility centre of 50 TPD is also developed in the premises of MSW plant 3.Nagar Nigam Kanpur has been developed the mechanism to collect & disposal of plastic waste for industries covered under EPR.
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	-	-	KNN	Presently D2D collection of generated waste achieved is 90%. Twin type litter bins (blue and Green) are placed in the public area, commercial areas and around the public buildings. In identified locations 670 Nos. of

District Environment Plan Kanpur Nagar

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		
							twin bins provided at 150 m interval
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	10.00 Cr	4.00 Cr	KNN	Ongoing
5.	Access to Plastic Waste Disposal Facilities	Check if District has access to PW recycling / utilization or disposal facilities..	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 facilities; Linkage with PWD for usage of PW in road making. Action plan at district should involve Urban and Rural Local bodies	-	-	KNN	December 2022. 1. Kanpur Nagar Nigam a Material Recovery Facility centre of 50 TPD is also developed in the premises of MSW plant. 2. Cantonment Board Kanpur has also installed 70-80 TPD MSW plant in the cantonment premises. In this plant waste plastic oil

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		
							producing facilities is available of capacity 02 TPD.

[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 Municipal Corporations / Municipalities)	100 Ton/Day C & D waste
Does the District has access to C&D waste recycling facility?	There are 06 designated C&D Waste Primary Collection Point. Where C&D waste are Collected and then Transported to reuse, recycle and the safe Disposal

#### 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.	Check gaps w.r.t: - Separate collection point of C&D Waste - Identification of common C&D waste deposition points -	Action plan for every local body in district. District may identify common C&D waste deposition points.	2.0 Cr	90 Lakhs	KNN	At present, there are 6 Nos. of designated places for the collection of C&D Waste.
2.	Whether local authority have fixed user fee on	Check gaps with respect to: - Local by-	Common by-laws may be	Include d in point	Include d in point	KNN	Under NCAP Programme a 100 TPD C&D

District Environment Plan Kanpur Nagar

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		
	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?	laws to pay user fee - Implementation of a system to permit bulk generators (>20 tons in one day or 300 tons per project)	implemented in District. Local C&D waste management plans can be integrated to develop common collection and recycling facilities	No 3	No 3		Waste Processing Unit is under process. The tender has been finalized and work order for the establishment of plant has been issued. It is expected to be functional by 15 <sup>th</sup> of November 2021, but not completed yet as work is in progress.
3.	C&D recycling Facility	Check whether district has any C&D waste recycling facility	Action plan for setting up C&D recycling facility in the District or tie-up with any other district or ULB for setting up common facilities. Plan should ensure viable operation of C&D plant including assured market for C&D products.	6.00 Cr	4.50 Cr	KNN	Under NCAP Programme a 100 TPD C&D Waste Processing Unit is under process. The tender has been finalized and work order for the establishment of plant has been issued. It was expected to be functional by 15 <sup>th</sup> of November 2021, but not completed yet as work is in progress.
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Is there any policy on usage or promotion on usage of C&D waste?	Local authority may make give appropriate incentives on usage of C & D waste. A % of usage in	-	-	KNN	Yes

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		
			public works may be specified / any other scheme.				
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	-	-	KNN	Comply (December 2022)

**(iv) Biomedical Waste Management****a. Current Status related to biomedical waste**

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	853
Total no. of non-bedded HCF	555
No. of HCFs authorized by SPCBs/PCCs	1113
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	There are 2 CBWTFs in Kanpur Nagar.
Capacity of CBWTFs	300 Kg/hr Incinerator, 650 Kg/hr Autoclave, 150 Kg/hr Shredder.
No. of Deep burials for BMW if any	None
Quantity of biomedical waste generated per day	5257.75 Kg/day approx
Quantity of biomedical waste treated per day	5257.75 Kg/day approx

**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	Check whether all HCFs including, clinics, hospitals, Veterinary	Action plan updating inventory authorization	NA	NA	UPPCB	As per record of UPPCB there are

District Environment Plan Kanpur Nagar

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		
		hospitals, Aayush hospitals, animal houses, etc generating biomedical waste area identified and authorized by SPCBs/PCCs	n HCFs PCCs by SPCBs/of and				1665 HCFs as on dt. 26.08.2022 in Kanpur Nagar. Regular compliance is being carried out.
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	Action plan for setting-up CBWTF or providing access to CBWTF 75Km 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	NA	NA	UPPCB	Completed
3	Tracking of BMW	Check whether bar code system is implemented by all HCFs and CBWTFs?	Plan for implementation of bar code system by all HCFs and CBWTFs in the district	NA	NA	UPPCB	Completed
4	Awareness and education of healthcare staff	Whether training has been organized For all stakeholders?	Action plan for awareness	15000	0	CMO	Covid-19 Awareness program

District Environment Plan Kanpur Nagar

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		
			programs And training to healthcare staff and ULB officials				had been organized from 08-09 July, 2021
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	1.80 Cr.	1.80 Cr.	CMO	Completed
6	Compliance to Rules by HCFs and CBWTFs	Is there any district level mechanism to monitor compliance by Hospitals/ HCFs?	Draw action plan to monitor compliance of HCFs and CBWTFs through SPCBs/PCCs.	NA	NA	UPPCB	Comply (December 2022)
7	District Level Monitoring Committee	Check whether District Level Monitoring Committee has been constitute and meetings are being organized?	Action plan w.r.t periodicity of reviews and follow-up by DLMC. Identify teams in health department to monitor compliance.	NA	NA	DM	District Level Monitoring Committee has been constituted and meetings are being organized periodically. the last meeting of District level committee with respect to BMW was held on 22/04/20



District Environment Plan Kanpur Nagar

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		
							22.
8.	Wastewater Treatment	Check if HCFS are required to install ETPs for wastewater generated.	Action plan by HCFs where applicable. for installation of ETPs	NA	NA	HCFs/UPPCB	Compliance is under progress.

**(v) Hazardous Waste Management****a. 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	389
Quantity of HW in the district	9505.85 MT/Day
(i) Quantity of Incinerable HW	131.4 MT/Day
(ii) Quantity of land-fillable HW	7330.625 MT/Day
(iii) Quantity of Recyclable / utilizable HW	2043 MT/Day
No of captive/common TSDF	1 Nos of integrated TSDF 2 Nos of SLF. 2 No of Standalone incinerators
Contaminated Sites or probable contaminated sites	None

**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	Check whether all hazardous waste industries are identified and authorised by SPCBs/PCCs	SPCB/PCC should ensure that all hazardous waste Industries authorised system	NA	NA	KNN/UPPCB	Comply (December 2022)
2.	Establishment	Check district has collection centres for hazardous wastes with linkage to common TSDFs /	Local authority should ensure that adequate number of collection centres	NA	NA	KNN/UPPCB	December -2022,

District Environment Plan Kanpur Nagar

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		
		recyclers	should be established and are linked to Common TSDFs.				
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.	Action plan to train the workers on safety aspects	NA	NA	KNN/ UPPCB	Comply (December 2022), Proper training is provided to the workers.
4.	Availability / Linkage with common TSDF or disposal facility	Check if the generators of HW have access to common TSDF in the State?	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	5.00 Cr	3.5 Cr	Industry/ UPPCB/ KNN	Comply (December 2022)
5.	Contaminated Sites	Are there any sites where soils/sediments/ groundwater contaminated due to dumping of industrial wastes	Action plan contaminated site etc. and to remediate contaminated sites...	NA	NA	08 Number underground water sample have been collected by	Report is awaited

District Environment Plan Kanpur Nagar

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		
						Regional Office UPPCB Kanpur Nagar from probable Contaminated Site.	

(vi) E-Waste Management

a. Current Status related to E-Waste Management

Details of Data Requirement	Present Status
Inventory of E-Waste in MT/year	9790 MT/Year
Collection centers established by ULBs in the District	None
Collection centers established by Producers or their PROs	None
No authorized E-Waste recyclers / Dismantler	03 (Refurbishment Quantity 6451 KG & Recycling Quantity 11512 KG)

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 / 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	Completion of inventory	NA	NA	SPCB/ PCC	There is no e-waste generating unit located under Kanpur Nagar district. Hence the informati

District Environment Plan Kanpur Nagar

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		
							on is nil.
2	E-Waste collection points	Availability of E-Waste collection points / call centres / kiosks in villages - Blocks / /towns / cities	Identification / registering E-Waste collection centres in association with Producers - their PROs or Recyclers	NA	NA	UPPCB	Not Yet
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.	Action plan to establish linkages between ULBs / Collection Centres of Producers and PROs / SPCBs / Bulk waste generators / Recyclers / SPCBs / District Administration / Public	NA	NA	UPPCB	December 2022
4	Regulation of Illegal E- Waste recycling / dismantling	Prevalence of informal trading, dismantling, and recycling of E-waste in District	Action plan in coordination with SPCBs/PCCs and District Administration to check this activity.	NA	NA	UPPCB	03 E-Waste recycling / dismantling Unit in Kanpur Nagar District
5	Integration of informal sector	Whether mechanism exists for bringing informal sector into main stream in collection and recycling of E-Waste	Evolve mechanism by involving producers / PROs.	NA	NA	UPPCB	03 E-Waste recycling / dismantling Unit in Kanpur

**District Environment Plan Kanpur Nagar**

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		
							Nagar District
6	Awareness and Education	Are there any programs at district level for awareness about E- waste management?	Plan special workshops and awareness campaigns through Producers / PROs	Rs. 30,000/- for awareness purpose regarding environmental management for Kanpur Nagar -Rs. 20,000/- for events like environment' day etc.	Nil	UPPCB	December -2022

Targets for collection of their E-Waste are 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 authorization. Therefore, district administration should have all information about collection centers/call centers established by various producers in the District. Such information should be disseminated to public and local administration.

### 3.0 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:	04 (NSI Kanpur, FTI Kanpur, IIT Kanpur, Nehru Nagar Kanpur) - 03 Operated by SPCB & 01 operated by IIT Kanpur: - None
Number of manual monitoring Stations operated by SPCBs	08 (1. Ramadevi, 2. Dada Nagar 3. Panki Industrial Area 4. Awas Vikas 5. IIT Kanpur 6. Shastri Nagar 7. Jareeb Chowki 8. Kidwai Nagar)
Name of towns / cities which are failing to comply with national ambient air quality stations	None
No of air pollution industries	184
Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln] / [Industrial Estate] / [Others] (Multiple selection)	Multiple type of industries

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

S. No.	Action points For village panchayats/ blocks/ municipalities/ corporations	Identification of gap			Agencies Responsible	Target time for Compliance
		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	NA	NA	UPPCB	<ul style="list-style-type: none"> <li>Emission Inventory has been carried out by IIT Kanpur and Mapped with the help of Arc GIS.</li> <li>Finally as per emission source <b>Grid Level Action Plan</b> is ready for the district.</li> </ul>

District Environment Plan Kanpur Nagar

S. No.	Action points For village panchayats/ blocks/ municipalities/ corporations	Identification of gap			Agencies Responsible	Target time for Compliance
		Action Point	Budget Required	Budget Available		
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.	NA	NA	UPPCB	Complying Monitoring by UPPCB)
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]	NA	NA	UPPCB	8 Manual Stations and 4 CAAQMS are installed & working in the city.
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]	NA	NA	UPPCB	<ul style="list-style-type: none"> <li>• Kanpur is covered under NACs. The Air Pollution Control Action Plan has been prepared and quarterly progress report is being regularly submitted to CPCB through the Chief Secretary of UP Govt.</li> <li>• A District</li> </ul>



District Environment Plan Kanpur Nagar

S. No.	Action points For village panchayats/ blocks/ municipalities/ corporations	Identification of gap			Agencies Responsible	Target time for Compliance
		Action Point	Budget Required	Budget Available		
						Level Committee has constituted under the chairmanship of DM Kanpur. A regular periodically meeting of DLC is being carried out for implementation of Action Plan for Air Pollution control of the Kanpur city.
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	NA	NA	UPPCB/ KNN/ KDA	<ul style="list-style-type: none"> <li>On the basis of air emission sources a Grid Level Action Plan has already prepared by UPPCB with the help of IIT Kanpur. In the GLAP, 04 most polluting grid identified on the basis of air emission source.</li> <li>Hot Spots have been identified with the help of Hotspot prioritization tool.</li> <li>The preparation of action plan for control of air</li> </ul>

District Environment Plan Kanpur Nagar

S. No.	Action points For village panchayats/ blocks/ municipalities/ corporations	Identification of gap			Agencies Responsible	Target time for Compliance
		Action Point	Budget Required	Budget Available		
						pollution in the identified hot spots is under progress.
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.	NA	NA	UPPCB	• Mobile App / Online portal for dissemination of air quality complaints is already in process.

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.

#### 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 Ganga & River Pandu
Length of Coastline (if any)	—
Nalas/ Drains/Creeks meeting Rivers	28 (14 Drains are Tapped)
Lakes / Ponds	182.118Hectares
Total Quantity of sewage from towns and cities in District	320 MLD
Quantity of industrial wastewater	15 MLD
Percentage of untreated sewage	30 %
Details of bore wells and number of permissions given for extraction of groundwater	Total 105 Applications has been received out of which 30 Permissions has been given till date and other application are under process as per UP

District Environment Plan Kanpur Nagar

	Ground water department.
Groundwater polluted areas if any	None
Polluted river stretches if any	None

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

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap			Agencies Responsible	Target time for Compliance
		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	NA	NA	Revenue/ UPPCB/ KNN/ Jal Nigam/ Irrigation Dep./ Forest Department	Completed
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.	NA	NA	UPPCB/ KNN/ Jal Nigam	Under Process. December 2022
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.	NA	NA	UPPCB/ KNN/ Jal Nigam	None
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.	NA	NA	KNN/ Jal Nigam/ irrigation	December 2022.
5.	Inventory of sources of water pollution	Check whether inventory of all sewage and wastewater discharge points into water	NA	NA	KNN/Jal Nigam	December 2022.

District Environment Plan Kanpur Nagar

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap			Agencies Responsible	Target time for Compliance
		Action Point	Budget Required	Budget Available		
		bodies in the district. Action plan to complete inventory.				
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.	None	None	None	None
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.	25 Lac	25 Lac	Irrigation Department	December 2022.
8.	Rejuvenation	Check availability of ground water and if required prepare action plan to rejuvenate ground water in selected areas. Action plan should be prepared for Rain water harvesting	NA	NA	UPGWD/ Jal Nigam	December 2022.
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	Rs. 30,000/- for awareness purpose regarding environmental management for Kanpur Nagar -Rs. 20,000/- for events like environment' day etc.	Nil	UPPCB	Complying

## 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	None
No of Towns STPs installed	01
No of Towns needing STPs	00
No of ULBs having partial underground sewerage network	None (only NN)
No of towns not having sewerage network	00
Total Quantity of Sewage generated in District from Class II cities and above	430 MLD
Quantity of treated sewage flowing into Rivers(directly or indirectly)	320 MLD
Quantity of untreated or partially treated sewage (directly or indirectly)	80 MLD
Quantity of sewage flowing into lakes	0
Total available Treatment Capacity	468MLD

### 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)	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,	To meet future requirements of next 15 years a STP of 30 MLD at Panka is under construction. It had to be functional till March-2022 but not completed yet.	99.87 Cr.	99.87 Cr.	Jal Nigam/ Jalkal (KNN)	December 2022.

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		
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.	Approximately 900 Km sewer network is needed for the city to attain saturation.	950 Cr.	0.00	Jal Nigam/ Jalkal (KNN) / UD	Dec, 2025

## 5.0 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 643, Nos. of Orange industries 54, Nos. of Green industries 514, Nos. of White industries 00,
No of Industries discharging wastewater	559
Total Quantity of industrial wastewater generated	20 MLD
Quantity of treated industrial wastewater discharged into Nalas / Rivers	20 MLD
Common Effluent Treatment Facilities	02 CETPs (36 MLD CETP JAJMAU & 1.5MLD CETP ROOMA)
No of Industries meeting Standards	Almost all
No of Industries not meeting discharge Standards	Almost all industries is meeting standards. If at time any industry is not meeting the standards. The action is taken against industry under Water Act.

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

S. No	Action Points	Gaps and 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 the	NA	NA	UPPCB	Complying
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.	Rs. 30,000/- for awareness purpose regarding environmental management for Kanpur Nagar -Rs. 20,000/- for events like environment' day etc.	Nil	UPPCB	Complying

**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	M/s Moti Construction & M/s Vashnavi Enterprises
No of licensed Mining operations in the District	Currently 01, Under Jurisdiction 01
% Area covered under mining in the District	-
Area of Sand Mining	32.08 Hectare
Area of sand Mining	Riverbed

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

S. No	Action Points	Gaps and 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 with respect to environmental compliance	As per mining officer budget is not required	NR	UPPCB/ District Administration	Complying. Enforcement Committee has been formed which monitor mining activities.
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	As per mining officer budget is not required	NR	UPPCB/ District Administration	Complying
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.	NR	NR	UPPCB	Comply (December 2022)

**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	2 No. of noise measuring devices are available with UPPCB

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

S. No	Action Points	Gaps and 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	NA	NA	UPPCB/ District Administration	UPPCB has 2 Portable Noise Monitoring Instrument, but other concerned agencies don't



District Environment Plan Kanpur Nagar

S. No	Action Points	Gaps and Action Plan			Responsible Agency	Timeline for completion of action plan
		Action point	Budget Required	Budget available		
		district administration have adequate number of portable noise level meters.				have. December 2022.
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 a by ULBs and SPCB/PCC,	NA	NA	UPPCB	UPPCB has 2 Portable Noise Monitoring Instrument which is used to measure Ambient noise levels whenever required and fixed ambient noise level monitoring stations are not installed in major cities till yet. December 2022.
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	NA	UPPCB/ District Administration	Sign boards are installed at sensitive zones within the city. December 2022.
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.	Rs. 30,000/- for awareness purpose regarding environmental management for Kanpur Nagar -Rs. 20,000/- for events like environment' day etc.	Nil	UPPCB/ Police/ Traffic Police Department	December 2022.

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.