

## DISTRICT ENVIRONMENT PLAN FOR KUSHINAGAR, UTTAR PRADESH



**Office of District Administration**

**District Collector - Kushinagar**

**Office: Collectorate campus, Ravindra nagar Dhoos, Padrauna, Kushinagar**

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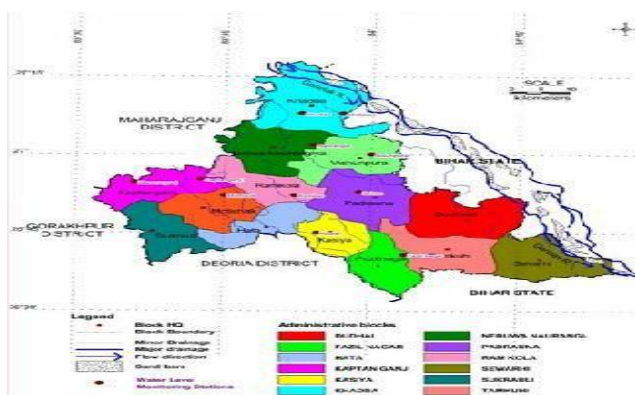
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# 1. District Profile

Kushinagar, a district of the eastern Uttar Pradesh, is known for its cultural heritage all over the world. It is one of the four holiest places for the Buddhists. At Kushinagar, Great Lord Buddha, founder of Buddhism, delivered his last sermon. Outside India, it is an International Buddhist Pilgrimage Centre. The followers of Buddhism, especially from Asian Countries, wish to visit this place at least once in their lifetime. It constitutes a district of Gorakhpur division occupying the extreme northeastern corner of Uttar Pradesh with Padrauna as its district headquarters. It is bounded by the district Maharajganj on the west as is partly the northern apex which is also flanked on the east by the Betia district of Bihar which along with Gopalganj district (Bihar) forms its eastern boundary. The dividing line is marked by the Gandak and Little Gandak rivers. In the south of this district lies Deoria District. Kushinagar district was formed in the year 1994 as a result of bifurcation of Deoria district consisting of six Tahsil namely Hata, Kasya, Padrauna, Tamkuhi, Khadda and Kaptanganj along with its fourteen village Development Blocks namely Kaptanganj Ramkola, Motichak, Hata, Sukrauli Khadda, Nebuwa Naurangiya, Vishunpura, Padrauna, Kasya, Dudhai, Fazil nagar, Tamkuhi and Sewrahi.

-Kushinagar lies between 26.7399°N Latitude and 83.8870°E Longitude.

## 1. a District Administrative Set-up



## General administration

Kushinagar district administration is headed by the District Magistrate of Kushinagar, who is an IAS officer. The DM is in charge of property records and revenue collection for the central government and oversees the elections held in the city. The DM is also responsible for maintaining law and order in the city. The DM is assisted by a Chief Development Officer (CDO), One Additional District Magistrates (ADM) (Finance/Revenue). The District Environment committee (DEC) has been constituted in compliance with the directions of Hon'ble NGT and orders of Chief Secretary, State Government of U.P. The District Environment Plan is being prepared in each district in the State by involving the stakeholder Departments after conducting workshops meeting and collecting data from concerned department and coordination with Divisional Forest Officer (DFO), Kushinagar under the supervision of District Magistrate (DM). The incumbent DM is Shri S. Rajalingam, IAS.

### Police Administration:-

Police administration of district is headed by Superintendent of police who is an IPS officer. There are 17 police stations and 5 circles in the district. At present Shri Sachindra Patel is head of the Police force in the district.

S. No.	Rank	Mobile No.	Email Id
1	S.P	9454400289	Spksn-up@nic.in
2	A.S.P	9454401082	Adlsp-police.ku@up.gov.in
3	C.O- SADAR	9454401419	co-sadar.ku@up.gov.in
4	C.O- KHADDA	9454401420	co-khadda.ku@up.gov.in
5	C.O- TAMKUHI	9454401421	co-tamkuhi.ku@up.gov.in
6	C.O- KASYA	9454401422	co-kasya.ku@up.gov.in
7	C.O- LINE	9454402378	co-line.ku@up.gov.in

## Revenue Department;-

S.No.	Description	Office No.	Mobile No.
1	D.M	240202	9454417545
2	A.D.M.(F&R)	240205	9454417616
3	SDM PADRAUNA		9454416283
4	SDM KASIA		9454416284
5	SDM HATA		9454416285
6	SDM TAMKUHI	—	9454416286
7	SDM KHADDA	—	9454416287
8	SDM KAPTAN GANJ	—	9454416292
9	TAHSILDAR PADRAUNA	—	8542937876
10	TAHSILDAR KASIA	—	9454416290
11	TAHSILDAR HATA	—	9454416291
12	TAHSILDAR TAMKUHI	—	9454416288
13	TAHSILDAR KHADDA	—	9454416293
14	TAHSILDAR KAPTAN GANJ	—	945441
15	NAYAB TAHSILDAR PADRAUNA	—	9454416292
16	NAYAB TAHSILDAR KHADDA	—	9454416293
17	NAYAB TAHSILDAR KASIA	—	9454416294
18	NAYAB TAHSILDAR HATA		9454416295
19	NAYAB TAHSILDAR SEORAH	—	945441629

### • Politics

Kushinagar is represented in the Lok Sabha by Current Member of Parliament Shri Vijay Kumar Dubey who won the Lok Sabha election in 2019. Some part of Kushinagar falls in Deoria constituency which is represented by Shri Ramapati Ram Tripathi. There are seven legislative constituencies namely Khadda, Padrauna, Tamkuhi Raj, Fazil nagar, Kushinagar, Hata and Ramkola in Kushinagar

## **1. b Local Institutions**

There are 2 major degree colleges and many private colleges are affiliated with Deen Dayal Upadhyay Gorakhpur University and all other colleges and Schools in Kushinagar whether using English or Hindi as a medium of instruction, are affiliated to any of the three bodies, Central Board of Secondary Education (C.B.S.E), Council for the Indian School Certificate Examination (C.I.S.E) AND Uttar Pradesh Madhyamik Shiksha Parishad (U.P.Board).

## **1. c Natural Resources**

### **• Water bodies**

Main rivers of Kushinagar district are Gandak and Little Gandak along with their tributaries, Bansi being the main tributary. There are 1902 wetlands, identified through remote sensing. Efforts are being made to revive the ponds and free the same from encroachment. Some ponds and Tals of and over 10 hac have perennial water retention capacity throughout the year.

### **• Gandak River/ Narayani River**

The river Gandak is a tributary of the Ganga River system. Flows along the north-east part of the district threaten with floods, erosion in Khadda. Other tributaries of the river are Karma, Nakta Maghin, Undri, Gandak Koiler, Sonda, Jharhi and Bans the Important lakes existing in the district are Rampur Tal located south of Kasia, Kusher Tal near Dhara in Hata and Khaklumi Tal lying south east of Tamkuhi.

- **Little Gandak River**

Little Gandak river originates in the Tarai area of the Ganga Plain. Little Gandak flows from north to south in the western part of District with its tributaries viz. Khanua, Mawan and Dhurachi.

- **Hiranyavati River/Bakiya Nalla**

Hiranyavati River is the place where the Lord Buddha took his last breath and was cremated at Ramabhar which is known as Ramabhar Stupa. Hiranyavati River originates near village Ahirauli Kusumhi within Ramkola Block of Kushinagar district and its length 49.37 Km. On its journey from village Ahirauli Kusumhi within Ramkola Block via Bartaha, Basdila, Paraskhand, Jhugwa, and Dilipnagar before meets Kukutha River.

- **Kukutha River/Ghaagi River**

Originates in the Neighborhood of Madariha and Deoria pandey in Padrauna block of Kushinagar district. On its journey from Padrauna via Fazilnagar block to Kasia block, many small natural streams such as Khara Nallah, Ekla Nallah, Bartohia Nallah, Khardar Nallah meets with Baani Nallah, after covering a distance of 39.1 Km within the limit of district.

- **Bansi River**

Originates from Bharpurwa in Padrauna Block of Kushinagar district and traverses 54 Km from Padrauna via Tamkuhi Block before meeting Gandak River.



**GROUNDWATER RESOURCE POTENTIAL (as per CGWB)**

**Net Ground Water Availability (Ham): 127489.52**

**Gross Ground Water Draft (Ham): 75240.25**

**Stage of Ground Water Development: 59.38**

**Number of Critical Blocks: 00**

**Number of Semi Critical Blocks: 00**

**Number of Safe Block: 14**

**Forest coverage:** There is only 382.40 hac of Reserved forest distributed in Padrauna Tamkuhi and Kasya ranges of the district. Afforestation activities at large scale with the cooperation of various departments are being carried out to enhance forest cover. Total numbers of following saplings have been planted in district Kushinagar during last two years.

S.N	Years	Target numbers) (in	Progress (in numbers)	Progress in percentage (%)
1.	2020-2021	2878510	3011376	104.62
2.	2021-2022	3462157	3499669	101.08
3.	2022-2023	4039010(Proposed)	-	-

**According to India State of Forest Report 2021 (in sq.km)**

District	Geographical Area (GA)	2021 Assessment				% of GA	Change wrt 2019 assessment	Scrub
		Very Dense Forest	Mod. Dense Forest	Open Forest	Total			
Kushinagar	2905	0.00	2.62	32.78	35.40	1.22	0.56	0.00

**1. d Geography and Demography**

S.No.	Heading	Details
<b>1</b>	<b>Location</b>	<b>Longitude: 83.8870°E Latitude: 26.7399°N</b>
<b>2</b>	<b>Geographical Area</b>	<b>2905 sq.km</b>
<b>3</b>	<b>Population (2011)</b>	<b>3564544</b>
3-1	Male (2011)	1,818,055
3-2	Female (2011)	1,746,489
3-3	Rural (2011)	3205902
3-4	Urban (2011)	358642
3-5	Scheduled Caste	544231
3-6	Scheduled Tribes	80269
3-7	Sex Ratio	961
3-8	Population Density	1227per.sq.km
<b>4</b>	<b>Literacy</b>	<b>65.26%</b>

4-1	Male	77.73%
4-2	Female	52.36%
<b>5</b>	<b>No. of Tehsil</b>	<b>6</b>
<b>6</b>	<b>No. of Block</b>	<b>14</b>
<b>7</b>	<b>No. of Nyay Panchayats</b>	<b>141</b>
<b>8</b>	<b>No. of Gram Panchayats</b>	<b>1049</b>
<b>9</b>	<b>No. of Villages (2011)</b>	<b>1579</b>
9-1	Inhabited	1639
9-2	Uninhabited	60
<b>10</b>	<b>Town/Group of towns</b>	
10-1	Nagar Nigam	-
10-2	Nagar Palika Parishad	<b>3</b>
10-3	Nagar Panchayats	9
10-4	Cantonment Board	-
<b>11</b>	<b>No. of Police Stations</b>	<b>17</b>
11-1	Rural	9
11-2	Urban	8

## **1. e Land-Use Pattern**

### **Land Use (Ha.)**

Total Area: 291469

Total Forest Area: 817

Barren Land: 2780

Present Fallow Land: 5057

Pasture: 354

Garden: 4335

### **Irrigation (Ha.)**

Net Cultivated Area: 216822

Net Irrigated Area: 184258

By Canal: 38582

By Groundwater: 141924

Others: 8752

## **1. f. Climate**

The average annual rainfall is 1203 mm. The climate is sub-humid and is influenced to some extent by the proximity of the north and the existence of Terai swamps. About 90% of rainfall takes place from June to September. During monsoon surplus water is available for deep percolation of groundwater. There is a meteorological observatory at Gorakhpur, The records of which May be taken as representative meteorological conditions. January is the coldest month with mean daily maximum temperature at 23°C and mean daily minimum temperature at 9.9°C May is the hottest month with daily maximum temperature at 39°C and means daily minimum temperature at 25.9°C. With the onset of monsoon, temperatures drop appreciably but night continues to be warm. The mean monthly maximum temperature is 19.8 °C. During the monsoon and post monsoon seasons the relative humidity is high and decreases in winter months. The mean monthly maximum relative humidity is 69% and means monthly evening relative humidity is 53%. Winds are generally light with slight increase in force in the late summer

and southwest monsoon months .The mean wind velocity is 4.1 km/hr.  
The potential evapotranspiration is 1422.7 mm.

## **AVERAGE CLIMATE DATA OF KUSHINAGAR**

	January	February	March	April	May	June	July	August	September	October	November	December
<b>Ava. Temperature °C (°F)</b>	15.5 °C (60) °F	19.2 °C (66.6) °F	24.9 °C (76.9) °F	30.1 °C (86.1) °F	31.3 °C (88.3) °F	30.6 °C (87.2) °F	28.4 °C (83.1) °F	28.2 °C (82.7) °F	27.5 °C (81.4) °F	25.4 °C (77.6) °F	21.7 °C (71) °F	17.3 °C (63.1) °F
<b>Min. Temperature °C (°F)</b>	9.8 °C (49.6) °F	12.9 °C (55.3) °F	17.6 °C (63.7) °F	22.8 °C (73.1) °F	25.4 °C (77.8) °F	26.5 °C (79.6) °F	25.9 °C (78.7) °F	25.8 °C (78.4) °F	24.7 °C (76.5) °F	20.7 °C (69.3) °F	15.7 °C (60.2) °F	11.3 °C (52.3) °F
<b>Max. Temperature °C (°F)</b>	21.7 °C (71) °F	25.7 °C (78.2) °F	32 °C (89.5) °F	37 °C (98.6) °F	37 °C (98.7) °F	35.1 °C (95.2) °F	31.6 °C (88.9) °F	31.5 °C (88.7) °F	30.9 °C (87.6) °F	30.2 °C (86.4) °F	27.8 °C (82.1) °F	23.5 °C (74.4) °F
<b>Precipitation / Rainfall mm (in)</b>	15 (0.6)	24 (0.9)	15 (0.6)	15 (0.6)	48 (1.9)	204 (8)	372 (14.6)	324 (12.8)	217 (8.5)	47 (1.9)	3 (0.1)	9 (0.4)
<b>Humidity(%)</b>	70%	60%	42%	34%	49%	65%	83%	84%	84%	74%	62%	66%
<b>Rainy days (d)</b>	1	2	2	3	6	13	20	20	16	4	0	1
<b>ava. Sun hours (hours)</b>	7.9	9.5	10.6	11.2	10.9	9.4	7.6	7.8	8.0	9.0	9.3	8.1

**SOURCE: - climate-data.org**

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

### Solid Waste Management

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


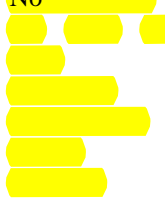
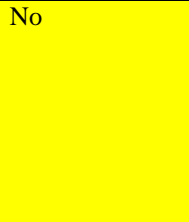

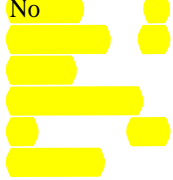

	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated per day
1	Municipalities (Nagar Palikas)	50	25543	161157	11.6 MT/day
2	Nagar Panchayats (Town area Councils)	131(Including Newly formed in chhitauni NP)	77205	359367	88.40 MT/day

	Local Bodies	Solid Waste Generated per day
1	Block /Taluka / Mandal Tehsils	NA
2	Village/Gram Panchayats	NA



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

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		
1	<b>Segregation</b>						
(i)	Segregation of waste at source	60% waste segregated at source and 40% waste is not segregated	Working on remaining 40% waste of total waste by Awareness and IEC Activities.	2.5 Cr	NA	Nagar Palikas/Nagar Panchayat	2023-2024

## District Environment Plan, Kushinagar

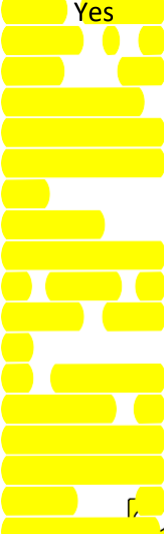
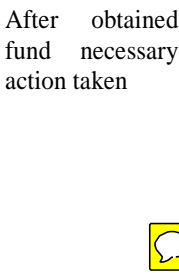
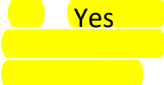
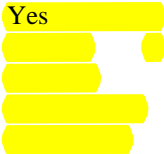
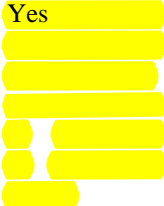

2	<b>Sweeping</b>						
(i)	Manual Sweeping	1- 100% road sweeping is Covered. 2- Requirement Of 400 PPEs.	1- Manual sweeping 100% 2- Requirement of PPE Kits For Sweeping Manpower.	5.0 Cr	NA	Nagar Palika /Nagar Panchayat	Regular Activity
(ii)	Mechanical Road Sweeping & Collection	Yes 	Mechanical Sweeping is not done due to lack of technical Equipments.	4.0 Cr	NA	Nagar Palikas /Nagar Panchayat	2024-2025
3	<b>Waste Collection</b>						
(i)	100% collection of solid waste	Yes 100% collection Achieved.	Regular service and Monitoring.	Budget not required.	NA	Nagar Palika/Nagar Panchayat	Regular Activity (100%)
(ii)	Arrangement for door to door collection	No 	Regular Activity (100%) Regular door to door collection of waste is being carried out daily in wards by ULBs and in balance by wards	No	NA	Nagar Palika/Nagar Panchayat	Comply
(iii)	Waste Collection trolleys with separate compartments	No 	Available 	No	NA	Nagar Palika/Nagar Panchayat	Complied
(iv)	Mini Collection Trucks with separate compartments	No 	Available 	No	NA	Nagar Palika/Nagar Panchayat	Complied

# District Environment Plan, Kushinagar

(v)	Waste Deposition centers (for domestic hazardous)	No	N.A.	N.A.	NA	Nagar Palika/Nagar Panchayat	At present waste are deposited at the outskirts of NP 
4.	Waste Transport						
(i)	Review existing infrastructure for waste Transport.	43 Tipper, 25 Tractor-Trolley, 30 Rickshaw, 319 Hand cart, 6 JCB, 3Tampu.	Tipper, Tractors, is Required.	2.5 Cr	NA	Nagar Palika/Nagar Panchayat	2023-2024
(ii)	Bulk Waste Trucks	02-Bulk Waste Trucks	05-Tipper required.	6.0 Cr	NA	Nagar Palika/Nagar Panchayat	2023-2024
(iii)	Waste Transfer points	07MRF center Under process	MRF Center and solid waste Processing plant is required	2.9 Cr	NA	Nagar Palika/Nagar Panchayat	2024-2025
5	Waste Treatment and Disposal						
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	No 	Action for getting onsite composting plants commissioned	2.0 Cr	NA	Nagar Palika/Nagar Panchayat	Complied



## District Environment Plan, Kushinagar

(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wet waste.	Yes 	After obtained fund necessary action taken 	2.7 Cr	NA	Nagar Palika/Nagar Panchayat	Dec. 2025
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Yes 	After obtained fund necessary action taken 	4.5 Cr	NA	Nagar Palika/Nagar Panchayat	Dec. 2025 
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Yes 	Sanitary Landfill required 	4.0 Cr	NA	Nagar Palika/Nagar Panchayat	Dec. 2025 
(v)	Remediation of historic / legacy dumpsite	Yes 	After obtained fund necessary action taken 	6.0 Cr	NA	Nagar Palika/Nagar Panchayat	Dec. 2025 
(vi)	Involvement of NGOs	Yes 	NGOs can be involved for management of solid waste campaign 	2.0 Cr	NA	Nagar Palika/Nagar Panchayat	Dec. 2025 
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Yes 	Action plan for linkage of all producers/brand owners or their PROs for collection of plastic waste 	40.0 Lakh	NA	Nagar Palika /Nagar Panchayat	Dec.2025
(viii)	Authorization of Waste	Yes/No 	List of authorized	12.0 Lakh	NA	Nagar Palika /Nagar	NA

## District Environment Plan, Kushinagar

	Pickers		waste pickers should be available			Panchayat	
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No	If not prepared action plan for preparation of by-laws which may be applicable in cantonment Board jurisdiction.	4.0 Lakh	NA	Nagar Palika/Nagar Panchayat	NA

### 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)	-
2	Municipalities (Nagar Palikas)	1.4MT/day
3	Nagar Panchayats (Town area Councils)	5.35MT/day

	Local Bodies	Plastic Waste Generated per day
1	Block /Taluka / Mandal Tehsils	NA
2	Village/Gram Panchayats	NA

#### 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	60% waste segregated at source and 40% waste is not segregated	Working on remaining 40% waste of total waste by Awareness and IEC activities	3.0 Cr	NA	ULBs	2023-2024

## District Environment Plan, Kushinagar

2.	Facilitate organized collection of PW at Waste transferpoint or Material Recovery Facility	MRF Center is Under construction.	MRF Center is under construction.	0.4 Cr	NA	ULBs	2024-2025
3.	PW collection Centers	MRF Center is under process .	07MRF Center is under process	0.7 Cr	NA	Nagar Palika /Nagar Panchayat	2024-2025
4.	Awareness and education programs implementation	Awareness and collective conscience development	Rally, hoarding and print media are being used for generating Awareness.	14 Lakh	NA	Nagar Palika /Nagar Panchayat	Regular Activity
5.	Access to Plastic Waste Disposal Facilities	Yes [REDACTED]	After obtained fund necessary action taken	70 Lakh	NA	Nagar Palika /Nagar Panchayat	Dec. 2025 

### (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)	There are no major Road and Construction activities in Kushinagar.
Does the District have access to a C & D waste recycling facility?	NO

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

S.N.	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.	Yes	After obtained fund necessary action taken	80.0 Lacs	NA	Nagar Palika /Nagar Panchayat	Dec. 2025
2.	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a Month?	Yes	After obtained fund necessary action taken	50.0 Lacs	NA	Nagar Palika /Nagar Panchayat	Dec. 2025

# District Environment Plan, Kushinagar

3.	C&D recycling Facility	Yes	After obtained fund necessary action taken	100.0 Lacs	NA	—	Dec. 2025
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Yes	After obtained fund necessary action taken	100.0 Lacs	NA	Urban development and housing and town planning department/UPPCB	Dec. 2025
5.	ICE on C & D waste management	Yes	Action plan for awareness and education will be done After obtained fund necessary action taken	25.0 Lacs	NA	Nagar Palika /Nagar Panchayat	Dec. 2025

**Biomedical Waste Management****b.Current Status related to biomedical waste**

<b>Inventory of BMW in the District</b>	<b>Quantity</b>
Total no. of Bedded Healthcare Facilities	760
Total no. of non-bedded HCF	15
No. of HCFs authorized by SPCBs/PCCs	545
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	1(MPCC,Khalilabad,D-33,UPSIDC,Industrial area, Khalilabad)
Capacity of CBWTFs	6500 Kg/day
No. of Deep burials for BMW if any	67
Quantity of biomedical waste generated per day	600 Kg/day
Quantity of biomedical waste treated per day	600 Kg/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.	Inventory and Identification of Healthcare Facilities	No	All HCFs including, clinics, hospitals, Veterinary hospitals, Aayush hospitals, animal houses, etc generating biomedical waste are identified and inventory are completed	Not required	NA	CMO	Completed

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2	Adequacy of facilities to treat biomedical waste	No	The Bio-Medical generated from HCFs have disposed by Common CBWTFs of M/s MPCC, Khalilabad, Sant Kabir Nagar and Silcon Welfare Society, Gazipur.	Not required.	NA	UPPCB	Comply
3	Tracking of BMW	Yes	Plan for implementation of bar code system by all HCFs in the district Kushinagar are in progress	NA	NA	UPPCB	Dec. 2025
4	Awareness and education of healthcare staff	Yes	Awareness programs And training to healthcare staff was carried out in the district on 30-03-2022 at CMO Office.	12 Lakh	NA	CMO	Dec. 2024
5	Adequacy of funds	No	N.A.	NA	NA	CMO	Completed

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6	Compliance to Rules by HCFs and CBWTFs	No	N.A.	NA	NA	UPPCB	Complied
7	District Level Monitoring Committee	No	There is a separate District Level Monitoring Committee Developed for All the environmental issued.	Not required	NA	DM	Complied
8.	Wastewater Treatment	Yes	We will install ETP in HCFs where applicable after obtained fund.	5.0Cr	NA	HCFs/UPPCB	Dec. 2025



## Hazardous Waste Management

### c. 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	5
Quantity of HW in the district	28.2MT/Annum
(i) Quantity of Incinerable HW	28.2MT/Annum
(ii) Quantity of land-fillable HW	00MT/Annum
(iii) Quantity of Recyclable / utilizable HW	00MT/Annum
No of captive/common TSDF(Treatment Storage and Disposal Facilities)	There are no TSDF sites in District n Kushinagar.
Contaminated Sites or probable contaminated sites	There are no contaminated sites or probable contaminated sites in District Kushinagar.

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

S.N o.	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	No	All industry in Distt- Kushinagar generating Hazardous Waste disposed as per norms through TSDFs install in Distt- Kanpur Dehat.	NA	NA	UPPCB/P CC/SPCB	Complied
2.	Establishment of collection centers	No	All industry in Distt- Kushinagar generating Hazardous Waste collect the Hazardous Waste in their premises as per norms	NA	NA	Local Authority/ UPPCB	Complied
3.	Training of workers involved in handling / recycling / disposal of HW	No	Action plan to train the workers on safety aspects through Department of Industries as per provisions under HWM Rules, 2016	NA	NA	Industry/UP PCB	Complied

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4.	Availability / Linkage with common TSDF or disposal facility	No	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.	NA	NA	Industry/UPPCB	Comply
5.	Contaminated Sites	No	There are no any contaminated site in Distt-Kushinagar .	NA	NA	UPPCB/CPCB	No contaminated sites detected.

## E-Waste Management

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

Details of Data Requirement	Present Status
Inventory of E-Waste in MT/year	00MT/Annum
Collection centers established by ULBs in the District	Zero
Collection centers established by Producers or their PROs	No
No authorized E-Waste recyclers / Dismantler	Zero

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

S . N o .	Action points For village Panchayats/ blocks/municipaliti es/corporations	Identification of gap 	Action plan				Agencies Resposi ble	Target time for Compliance
			Action Point		B R 	BA		
1	Inventory / Generation of E- Waste / Bulk- waste generators	No	There are no E- waste generating units located under Kushinagar.		-	NIL	SPCB/ PCC	Complied
2	E-Waste collection points.	No	There are no E- waste generating units located under Kushinagar.		-	NIL	UPPCB	Complied
3	Linkage among Stakeholders to channelize E- Waste	No	There are no E- waste generating units located under Kushinagar.		-	NIL	UPPCB	Complied

4	Regulation of Illegal E- Waste recycling / dismantling	No	There are no E-waste generating units located under Kushinagar.		-	NIL	UPPCB	Complied
5	Integration of informal sector	No	There are no E-waste generating units located under Kushinagar.		-	-	Nagar Nigam	Complied
6	Awareness and Education	No	There are no E-waste generating units located under Kushinagar.		-	-	Nagar Nigam	Complied

### 3. Air Quality Management

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

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring stations in the district. • Operated by SPCB / State Govt / Central govt./ PSU agency : • Operated by Industry:	There is no Automatic Air Quality monitoring station in the district Kushinagar.  NA
Number of manual monitoring States operated by SPCBs	There is no Manual Air Monitoring Station in District Kushinagar.
Name of towns / cities which are failing to comply with national ambient air quality stations	NA
No of air pollution industries	05 Large Industries
Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln] / [Industrial Estate] / [Others] (Multiple selection)	Large Industry (Sugar mills), 282 Brick Kiln etc. [Hotspots of air pollution]

### **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?  	No	All industry operational in Distt-Kushinagar have installed Air Pollution Control System	NA	NA	Nagar Panchayat/Municipal Corporation	Complied
2.	Ambient Air quality data?	Yes	Plan to get access to available air quality monitoring stations in the District Kushinagar	Yes	-	-	Dec. 2025

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3	Setting up of Continuous Ambient Air Quality Monitoring Station	Yes	There are required Setting up of Continuous Ambient Air Quality Monitoring Station	Yes (80.0 Lacs)	0.00	-	Dec. 2025
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# District Environment Plan, Kushinagar

4.	District Level Action Plan for Air Pollution	No	Not Prepared	-	-	-	-
5.	Hotspots of air pollution in District	No	There are no polluting hotspots in District Kushinagar	-	-	-	There are no polluting hotspots in District Kushinagar
6.	Awareness on Air Quality	Yes	After obtained fund, necessary action taken.	10.0 Lacs	0.00	ARTO/Traffic police	Dec. 2024



#### 4.1 Water Quality Management


#### 4.2 Water Quality Monitoring

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

Details of Data Requirement	Present Status
Rivers	Gandak River - 110 Km Little Gandak - 250Km. Bansi River- 54 Km Hiranyavati River - 49.37 Km. Kukutha River - 39.1 Km
Length of Coastline (if any)	00 Km
Nalas/ Drains/Creeks meeting Rivers	06
Lakes / Ponds	1902
Total Quantity of sewage from towns and cities in District	0.36MLD
Quantity of industrial wastewater	00 MLD
Percentage of untreated sewage	55%
Details of bore wells and number of permissions given for extraction of groundwater	08
Groundwater polluted areas if any	NA
Polluted river stretches if any	NA



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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	No		NA	NA	UPPCB/Jal kal/Irrigation/Jal Nigam	Complied
2.	Quality of water bodies in the district	No		NA	NA	UPPCB/Jal kal(Nagar Palika)/Jal Nigam	Complied
3.	Hotspots of water contamination	No		NA	NA	UPPCB	NA

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4.	Protection of river / lake waterfront	Yes	Action plan should be prepared to control river, dumping of Solid waste on river banks, for idol Immersion etc.The District has notified Open defecation free (ODF) most of the villagers have community toilets and also have personal toilet too. Awareness program organized time to time to educate and aware the villagers.	50.0 Lacs	NA	Nagar Palika /Nagar Panchayat	Time to time action taken for control of river side open defecation ,dumping of Solid waste on river banks, for idol immersion etc.
5.	Inventory of sources of water pollution.	No	Completed	NA	NA	Nagar Palika /Nagar Panchayat	Comply

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6.	Oil spill disaster management (for coastal districts)	No		NA	NA		Not Related
7.	Protection of floodplains	No	Plantation completed in flood plains zone.	NA	NA	Nagar Palika /Nagar Panchayat	Comply
8.	Rejuvenation of groundwater	No	Contaminated Site are Not indentify in Distt- Kushinagar	NA	NA	UPPCB/ Nagar Palika /Nagar Panchayat	NA
9.	Complaints redressal system	No	Through IGRS	NA	NA	Nagar Palika /Nagar	Comply


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#### 4.3 Domestic Sewage

##### Identification of gaps and action plan for treatment of domestic sewage;

Details of Data Requirement	Present Status
No of Class-II towns and above	Not Related
No of Class-I towns and above	Not Related
No of Towns STPs installed	NA
No of Towns needing STPs	NA
No of ULBs having partial underground sewerage network	NA
No of towns not having sewerage network	NA
Total Quantity of Sewage generated in District from Class II cities and above	0.36MLD
Quantity of treated sewage flowing into Rivers (directly or indirectly)	0.00 MLD
Quantity of untreated or partially treated sewage (directly or indirectly)	0.20MLD
Quantity of sewage flowing into lakes	0.00MLD
Total available Treatment Capacity	0.36MLD

**a. 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)	Yes	STP required.	200.0 Lacs	NA	UPJN	2023-2024
2.	Underground sewerage network	Yes	Required	600.0 Lacs	NA	UPJN	2023-2024

## 5.0 Industrial wastewater management

### a. Current Status related to Industrial Wastewater Management

<b>Number of Red, Orange, Green and White industries in the district</b>	Nos of Red industries-05 Nos of Orange industries-01, Nos of Green industries-00 Nos of White industries-00
<b>No of Industries discharging wastewater</b>	05
<b>Total Quantity of industrial wastewater generated</b>	2160 KLD
<b>Quantity of treated industrial wastewater discharged into Nalas / Rivers</b>	2160 KLD
<b>Common Effluent Treatment Facilities</b>	No any CTEP
<b>No of Industries meeting Standards</b>	05
<b>No of Industries not meeting discharge Standards</b>	00

### 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 norms by Industries	No	NA	NA	NA	UPPCB/CPCB	Ongoing on the basis of Quarterly inspection by state board



## District Environment Plan, Kushinagar

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.		NA	NA	UPPCB	Yes complaint redressing system based on mobile APP/Online is available
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### 6. Mining Activity Management plan

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

Details of Data Requirement	Existing Mining operations
Type of Mining Activity	No mining in Kushinagar. [Sand Mining] / [Iron Ore] / [Bauxite] / [Coal] / Other [specify]
No of licenced Mining operations in the District	NA
% Area covered under mining in the District	NA
Area of Sand Mining	NA
Area of sand Mining	NA

**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
			Budget Required	Budget available		
1.	Monitoring of Mining activity	No	NA	NA	Mining Department	No mining lease granted in the district
2.	Inventory of illegal mining if any mining	No	NA	NA	Mining Department	Comply
3.	Environment compliance by Mining industry	No	NA	NA	—	Comply

## 7. Noise Pollution Management plan

### a. Current Status related to Noise Pollution Management

Details of Data Requirement	Measurable Outcome
No. of noise measuring devices available with various agencies in district	UPPCB No of analyzers available-00

### 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
			Budget Required	Budget available		
1.	Availability of Sound/ Noise level meters.	No	No	NA	UPPCB/District Administration	Comply
2.	Ambient Noise Level monitoring.	No	No	NA	UPPCB	Comply

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3.	Signboards in Noise zones	No	No	NA	UPPCB/District Administration	Completed
4.	Complaint redressing system	No	No	NA	UPPCB/Police/Traff ic Police Department	Through IGRS