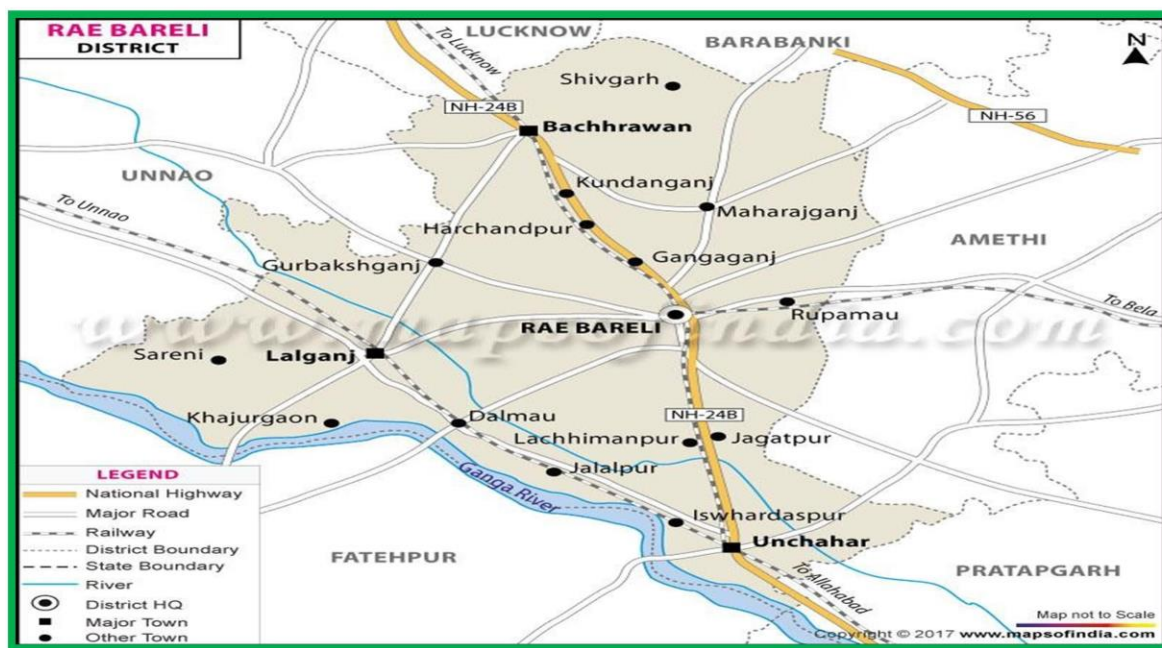


District Environment Plan For Raebareli, Uttar Pradesh



Office of the District Magistrate
Kutchery Road, Near Feroze Gandhi College,
Indira Nagar, Raebareli 229001

E-mail: dmuprae@nic.in

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1.0 District Profile

Raebareli is acityand a municipal board in the state of Uttar Pradesh. It is the administrative headquarter of district and a part of Lucknow division. The city is situated at the bank of the Sairiver, 82km(51 mi) southeast of Lucknow. The total geographical area of Raebareli district is **4609** sq. km. It lies between latitude 25°49' and 26°36' North and longitude 100°41' and 81°34' East. In the north, it is bounded by tehsil **Mohanlalganj** of Lucknow and **Haidergarh** of Barabanki, in the east by tehsil **Mussafir Khana** of district **Sultanpur** and in the south-east by **Pargana Ateha** and the **Kunda** tehsil of district Pratapgarh. The southern boundary is formed by Ganga which separates it from the district of Fatehpur. In the West, lies the **Bighapur** and **Purwa tehsil** of Unnao. The district of Raebareli was created by the British in **1858**, and is named after its headquarters town. It possesses many architectural features and sites, chief of which is a strong and spacious fort.

a. District Administrative Set-up

Raebareli is one of the six districts of the Lucknow division, which is headed by a Commissioner headquartered at Lucknow. He serves as a link between the districts in his division and the State Government. The general administration of the district is vested by the District Officer who is called Deputy Commissioner for revenue and District Magistrate (D.M.) for criminal jurisdiction. Raebareli is divided into 6 sub divisions namely Raebareli, Dalmau, Maharajganj, Lalganj, Unchahar, Salon and 18community development blocks. It has 9 statutory towns, including 1Nagar Palika Parishad (municipal board) and 8 Nagar Panchayats. According to 2011 census, the population and area of all the towns are as below-

Town name	Classification	Population(2011census)	Area(sq.km)
Bachhrawan	Nagar Panchayat	12,521	2.34
Maharajganj	Nagar Panchayat	9,403	1.33
RaeBareli	Nagar Palika Parishad	191,316	51
Lalganj	Nagar Panchayat	23,124	1.88

Town name	Classification	Population(2011 census)	Area(sq.km)
Dalmau	Nagar Panchayat	9,983	8.38
Unchahar	Nagar Panchayat	11,033	1.37
Parsadepur	Nagar Panchayat	11,853	2.75
Salon	Nagar Panchayat	14,757	1.5
Nasirabad	Nagar Panchayat	20,312	1.71

Raebareli district as **1,773 revenue villages**, of which **1,733** are **inhabited** and **40** are **uninhabited** and **988 gram panchayats**. As of 2011, a majority of the populated villages (950 of them or **56%**) have a population between 500 and 1,999. At the extreme ends of the spectrum, there are 67 villages (**4%** of the total) with a population of 200, and there are 16 villages (**1%**) with a population greater than 10,000.

b. Local Institutions

Raebareli has educational institutions and colleges affiliated to **Central Board of Secondary Education (CBSE)**, **Uttar Pradesh Board (UP)** and **Indian Certificate of Secondary Education (ICSE)**. There is one Kendriya Vidyalaya situated in the city centre to impart primary and secondary education under CBSE pattern. There are many colleges and institutions for higher studies also. Some of the more **All India Institute of Medical Sciences, Raebareli (AIIMS)**, **Feroze Gandhi Institute of Engineering and Technology (FGIET)**, **National Institute of Pharmaceutical Education and Research, Raebareli (NIPER)** etc.

c. Natural Resources

• Water bodies

The main river of Raebareli district is the **Ganges**, which forms the southern border of the district. The other rivers in the district are all its tributaries. The other main river in the district is the **Sai**, which is a tributary of the Ganges. It flows right down the middle of the district, from Rampur Sudauli in the north-western corner to Kanpur in the south-east, and has a meandering course. The Sai is not

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navigable. Its depth during the hot season is not more than two feet and it is not well suited for irrigation because it has high banks, leaving the actual level of the water well below the ground level of the surrounding terrain.

- **Availability of water resources**

As per report on dynamic ground water resources of Uttar Pradesh, 2017 the annual extractable ground water resource is 112741.13 hams. The current annual ground water extraction data says that 60950.30 hams is for irrigation area and 6415.82 hams is for domestic and industrial purpose. The net ground water availability for future use is 44222.00 hams. The stage of ground water extraction is 59.75%. Raebareli holds a large potential availability of 1.12 lakh hams.

- **Forest Coverage**

The district was initially crowded by dense forests which surrounded the strong holds of the Talukedars but with the increase of population, the forests were gradually reclaimed for agricultural purposes. Of the total area of the district, more than 3905.06 hectares of land was under forests during present time. Under social forestry schemes, fruit and non-fruit bearing trees have been planted along road sides. The **important trees** are **Dhak, Khair, Babul, Mahua, Sheesham, Neem, Kanji, Siras, Eucalyptus, Mango and Jamun**. Groves in the district are mostly of **mango and mahua**. Wild animals have greatly decreased in number and variety. This has been mainly because of deforestation. **Neelgai** near Ganga, **jackals, fox, cat, mongoose** and other animals are found in the district.

d. Geography & Demography

The district forms a part of the Gangetic plan which is of recent origin according to geological chronology and reveal ordinary Gangetic alluvium. The district being a part of the alluvial plain conforms to the same geological sequence as the plain itself. The only mineral of importance is **kankar**. The district is also noted for its deposits of **reh and brick earth**. The district, as a whole, is fairly compact tract of gently undulating land. The **elevation** varies from about **120.4m** above sea level in the north west to **86.9 m** above sea level in the extreme **south east**, at the banks of the Ganga. The highest points are the crowns of the watersheds of the different drainage channel which serve to divide the district into **five main physical units, the Ganga Khadar, the Ganga upland, the southern clay tract, the central tract or the Sai upland and the Northern clay tract**.

According to the 2011 census Raebareli district has a population of **3,405,559**, roughly equal to the nation of Panama or the US state of Connecticut. This gives It a ranking of **97th** in India (out of a total of 640) and **27th**, largest in the state. It is a predominantly rural district, with 91% of the population living in rural areas. The district has a population density of 739 inhabitants per square kilometer (1,910/sq.mt.). Its population growth rate over the decade 2001-2011 was 18.51%. As per 2011 Census

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Raebareli has a sex-ratio of 943 females per 1,000 males has been recorded in the district against the state average of 912. Rural area of the district has a sex-ratio of 945 whereas urban area has 924 respectively. The sex-ratio of the district was significantly high as compared to the state average figures from 1901 to 2011 and remained above the state average figures during this period. It is also observed that the proportion of females in rural areas is higher than urban areas of the district. Raebareli has a literacy rate of 81.04%.

e. Land-use pattern

The land of Sultanpur is much fertile which makes agricultural usage of land as a modest use. The census of **2018-19** highlights the following features of land use pattern;

S. No.	Particulars	(In 1000.0 Hect.)
1.	Reporting area for land use	392.045
2.	Forest	3.90506
3.	Net sown area	224.535
4.	Non-Agricultural Use	39.488
5.	Cultivable Wasteland	16.310
6.	Current Fallow	50.622
7.	Other Fallow	30.180
8.	Barren & uncultivable land	13.671
9.	Pastures	3.349
10.	Land under miscellaneous	9.088

Climate

Raebareli has a warm sub-tropical climate with very cold and dry winters from December to mid-February and dry, hot summers from April to mid-June. The rainy season is from mid-June to mid-September when it gets an **average rainfall** of **1200 mm** mostly from the south-west monsoon winds. During extreme winters, the maximum temperature is around 12 °C and the minimum is between 3- 4 °C. Fog is quite common from late December to late January. Summers can be quite hot with temperatures rising to the 40-45 °C range.

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. Raebareli 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/>

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**

Sr. No.	Urban Local bodies	No. of wards	No. of House-holds	Population	Solid Waste Generated per day
1.	Municipal corporations Nagar Nigam or Mahanagar Palika)	NIL	NIL	NIL	NIL
2.	Municipalities(Nagar Palikas)	34	46300	225825	68MT
3.	Nagar panchayats(Town area Councils)	96	22399	127235	18.5MT

Sr. No.	Local Bodies	No. of Village panchayats/ Blocks	No. of Households	Population	Solid Waste Generated per day
1.	Block/Taluk/ Mandal Tehsils	18	567957	2839788	218.66Ton
2.	Village/Gram Panchayats	988	567957	2839788	218.66Ton

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	Time line for completion of action plan
			Action Point	Budget Required (lakh)	Budget Available		
1	Segregation						
(i)	Segregation of waste at source	Lack of Awareness	Awareness programs are done on regular basis to promote segregation	85.00	0	ULB	Complying by December-2023

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2	Sweeping						
(i)	Manual Sweeping	Around 75 Kms of Road sweeoinng is done manually. Need of Mechanical sweeper	Road sweeping is done manually twice a day in Commercial areas and once a day in residential areas.	65.00	0	ULB	Complying by December-2023
(ii)	Mechanical Road Sweeping & Collection	Approx 10 km of Road sweeping can be done by mechanical sweepers	ULB is planning to purchase 2 Mechanical sweepers through NCAP fund.	120.00	0	ULB	Complying by December-2023
3	Waste Collection						
(i)	100% collection of solid waste	98%	Increasing Door to Door Waste collection	70.00	0	ULB	Complying by December-2023
(ii)	Arrangement for door to door collection	100% of door to door collection is done by Private agency	Awareness to households for particular timing of Door to Door service	80.00	0	ULB	Complying by December-2023

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(iii)	Waste Collection trolleys with separate compartments	Available	About 100 Vehicles are deputed in 127 wards of district Raebareli with separate compartment for dry and wet waste	90.00	0	ULB	Complying by December-2023
(iv)	Mini Collection Truck with separate compartments	Available	About 100 Vehicles are deputed in 127 wards of district Raebareli with separate compartment for dry and wet waste	120.00	0	ULB	Complying by December-2023
(v)	Waste Deposition centres (for domestic hazardous wastes)	Available	Door to door service requests household on regular basis to segregate the waste	90.00	0	ULB	Complying by December-2023
4.	Waste Transport						
(i)	Review existing infrastructure or waste Transport.	Available	Transportation of waste is done by covered vehicles.	80.00	0	ULB	Complying by December-2023

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(ii)	Bulk Waste Trucks	Available	There are 10 bulk waste trucks available in all ULBs of district Raebareli.	15.00	0	ULB	Complying by December-2023
(iii)	Waste Transfer points	Available	There are adequate number of transfer point as per requirement all ULBs.	100.00	0	ULB	Complying by December-2023
5	Waste Treatment and Disposal						
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	20 Bulk Waste Generators are identified in ULB	Notice has been issued to bulk waste generators for install in on-site processing plant for wet waste.	40.00	0	ULB	Complying by December-2023
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation /Composting of wet waste.	Available	There are three waste-to-compost pits available in NPP and one waste-to-compost pit each in all ULBs.	110.00	0	ULB	Complying by December-2023

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(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Available	Segregated waste from MRF is sold to Kabadi Wala and rest part of it is used in ULB	-	-	ULB	Completed MRF in 7 ULBs and 1 under process and completed by December-2023
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Available	Centralised SWM plant is being upgraded	Not required	-	ULB	Sanitary landfill available. (on going process) and completed by December-2023

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(v)	Remediation of historic / legacy dumpsite	62000 empty legacy waste is present at MSW plant	Dumpsite Remediation under process	320.00	0	ULB	Complying by December-2023
(vi)	Involvement of NGOs	Whether involvement of NGOs envisaged	NGOs can be involved for management of solid waste campaign	Not applicable	Not applicable	Not applicable	Not applicable
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	As per rules, producers and brand-owners should facilitate collection of packaging waste	Action plan for linkage of all producers/ brand owners or their PROs for collection of plastic waste	Not applicable	Not applicable	Not applicable	Not applicable
(viii)	Authorisation of Waste Pickers	No	List will be available after authorisation of waste pickers	Yes	–	ULB	Complying by December-2023
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Implemented from June 2019	Yes	Yes	ULB	Completed

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

Sr.	Urban Local bodies	Estimated quantity of Plastic Waste Generated per day
1	Municipal corporations(Nagar Nigam or Mahanagar Palika)	-
2	Municipalities(Nagar Palikas)	1.3TPD
3	Nagar panchayats(Town area Councils)	1.01TPD

	Local Bodies	Plastic Waste Generated per day
2	Block/Taluk/MandalTehsils	-
3	Village/Gram Panchayats	-

(b) Identification of gaps and Action plan:

.No.	Action points For village panchayats/ blocks/municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required (lakh)	Budget Available		
1.	Door to Door collection of dry waste including PW	100%	Currently door to door facilities not available in this ULB	85.00	0	ULB	Complying by December-2023

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2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	There are nine MRF centers proposed in all ULBs of District Raebareli among which seven are functional	Plastic waste is segregated from Dry waste at MRF Centre	0	0	ULB	MRF Available (ongoing process) and completed by December-2023
3.	PW collection Centres	There are nine MRF centers proposed in all ULBs of District Raebareli among which seven are functional	Plastic waste collection is done at MRF	0	0	ULB	MRF Available (on going process) and completed by December 2023
4.	Awareness and education programs implementation	All the department of district are requested to promote plastic ban activities	Awareness activity at Schools is done on regular basis	90.00	0	ULB	Complying by December-2023
5.	Access to Plastic Waste Disposal Facilities	There are nine MRF centers proposed in all ULBs of District Raebareli among which seven are functional	Plastic waste collection is done at MRF	Yes	Yes	ULB	MRF Available (ongoing process) and completed by December-2023

(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)	13TPD
Does the District has access to C&D waste recycling facility?	No

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 (lakh)	Budget Available		
1.	Arrange ment for separate collection of C&D waste to C&D	Nagar Palika Parsishad has 4 collection points and one Common deposition point	Nagar Panchayats are being promoted to collect C&D waste	40.00	0	ULB	Complying by December-2023
2.	Whether local authority have fixed user fee on C&D waste and introduced permissi	ULBs have less than 20 TPD C&D Waste generation	ULB plan to setup C&D processing plant.	0	0	Not Applicable	Not Applicable

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	on system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per projects in a months?						
3.	C&D recycling Facility	C&D Waste user charges need to be levied from public.	C&D Waste generated is used in low land areas and construction of roads	200.00	0	ULB	Complying by December-2023
4.	Usage of recycled C&D waste in non-structural concrete, paving	C&D Waste can be used on limited basis.	C&D Waste generated is used in low land areas and construction of roads	50	0	ULB	Complying by December-2023
5.	IEC on C&D waste management	All the department of district are requested to promote C&D uses.	C&D Waste user charges are mentioned in By-Laws	45.00	0	ULB	Complying by December-2023

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

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	Private HCF-105, Government HCF- 19 (As per office record of UPPCB Raebareli)
Total no. of non-bedded HCF	627(As per office record of UPPCB Raebareli)
No. of HCFS authorized by SPCBs/PCCs	751
No. of Common Biomedical Waste Treatment and Disposal Facilities(CBWTFs)	At Present M/s Ferro Build Hards Pvt.Ltd is working as CBWTF in district Raebareli. The CBWTF plant is established in District Prayagraj.
Capacity of CBWTFs	200kg/hour waste disposal
No. of Deep burials for BMW if any	-
Quantity of biomedical waste generated per day	[100-200Kg/day Approx]
Quantity of biomedical waste treated per day	[100-200Kg/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 (lakh)	Budget Available		
1.	Inventory and Identification of Health care Facilities	As per office record HCFs including, clinics, hospitals, hospitals, Aayush hospitals, animal houses, etc, generating biomedical waste, located in jurisdiction of Regional office, Raebareli has been identified and authorized till date. by UPPCB.	Inventory of HCFs is being updated on regular basis.	Not required	-	Health Department/SPCB	Regular Activity
2	Adequacy of facilities to treat biomedical waste	All category of BMW generated through HCFs located in jurisdiction of Regional office, Raebareli is being collected and disposed by authorized CBWTF as per BMW rules 2016.	01 CBWTF is proposed in district Raebareli.	Not required	-	District Administration /ULBs/ Health Department/SPCB	Approx. 12 months after release of fund and acquisition of Land

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3	Tracking of BMW	Under Process	Plan will be prepared post information collection form CBWTF.	Not required	-	Health Department/SPCB	Regular Activity
4	Awareness and education of healthcare staff	Training is being given to different stakeholders time to time.	awareness programs and training is being given to healthcare staff and ULB officials time to time.	Not required	-	Health Department/SPCB	Regular Activity
5	Adequacy of funds	Whether adequate funds is allocated to the Government healthcare Facilities for bio-medical waste management by State Govt.?	Action plan for ensuring adequate funds to Government health care facilities for bio-medical waste	Not required	-	Health Department	Regular Activity
6	Compliance to Rules by HCFs and CBWTFs	There is a district level committee to monitor compliance by Hospitals/HCFs	action plan to monitor compliance of HCFs and CBWTFs through SPCBs is proposed	Not required	-	Health Department/SPCB	Regular Activity

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7	District Level Monitoring Committee	Check whether District Level Monitoring Committee has been constituted and meetings are being organised?	Action plan w.r.t periodicity of reviews and follow-up by DLMC. Identify teams in health department to monitor compliance.	Not required	-	District administration/ Health Department	Regular Activity
8.	Waste water Treatment	HCFs having 10 of more than 10 beds have to install ETP for waste water treatment.	HCFs having 10 of more than 10 beds have to install ETP for waste water treatment.	Not required	-	SPCB	Regular Activity

(v) **Hazardous Waste Management**

a. Current Status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No of Industries generating HW	08
Quantity of HW in the district	599.6MT/Annum
(i) Quantity of Incinerable HW	0.0MT/Annum
(ii) Quantity of land-fillable HW	0.0MT/Annum
(iii) Quantity of Recyclable/utilizable HW	599.6MT/Annum
No of captive/common TSDF	[Nos of integrated TSDF- No Any],[Nos of SLF-No Any].[No of Standalone incinerators- No any]
Contaminated Sites or probable contaminated sites	No any

b. Identification of gaps and action plan:

S. No.	Action points For village panchayats/bl ocks/municipa lities /corporations	Identification of gap	Action plan			Agen cies Resp onsib le	Target time for Compli ance
			Action Point	Budge t Requi red	Bu dge tAv aila ble		
1.	Regulation of industries and facilities generating Hazardous Waste	Hazardous waste industries in the jurisdiction of Regional office Raebareli are identified and authorized by UPPCB.	Hazardous waste industries in the jurisdiction of Regional office Raebareli are identified and authorized.	Not applicable	Not applicable	SPCB/PCC	Complying by December -2023
2.	Establishment	In the district Raebareli there is no any collection centers for hazardous wastes.	In the district Raebareli there is no any collection centers for hazardous wastes. TSDF in the State are M/S Bharat Oil & waste Management M/S Ramky Enviro Engineers Limited	Not applicable	Not applicable	District administration/ ULBs/S PCB/PC C	Complying by December -2023

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3.	Training of workers involved in handling/recycling/disposal of HW	There is no any industries engaged in recycling / pre-processing /disposal of hazardous waste in the district Raebareli.	Action plan to train the workers on safety aspects will be prepared soon	Not applicable	Not applicable	-	Regular Activity
4.	Availability/Linkage with common TSD For disposal facility	Hazardous Waste generating industries have access to common TSDF in the State are M/S Bharat Oil & waste Management M/S Ramky Enviro Engineers Limited	All generators are linked to TSDF	Not applicable	Not applicable	-	-
5.	Contaminated Sites	There are no any sites where soils sediments/ground water contaminated due to dumping of industrial wastes	N/A	Not applicable	Not applicable	SPCB/ PCC	Regular Activity

vi) E-Waste Management

a. Current Status related to E-Waste Management

Details of Data Requirement	Present Status
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Inventory of E-Waste in MT/year	E- waste identification has not generated and hence No assessment has been carried out.
Collection centers established by ULBs in the District	None
Collection centers established by Producers or their PROs	None
No authorized E-Waste recyclers /Dismantler	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	Inventory / Generation of E-Waste / Bulk-waste generators	E-waste identification has not generated and hence No assessment has been carried out	E-waste identification has not generated and hence No assessment has been carried out	Not required	-	District administration / ULBs /SPC B	-
2	E-Waste collection points	There is no any collection centre in district Raebareli as per office record.	There is no any collection centre in district Raebareli as per office record.	Not required	-	District administration/ ULBs/ SPCB	-
3	Linkage among Stakeholders to channelize E-Waste	There is no any collection centers established by Producers/PROs	There is no any collection centers established by Producers/PROs	Not required	-	District Administration/ ULB's / SPCB	-

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4	Regulation of Illegal E-Waste recycling /dismantling	There is no any prevalence of informal trading, dismantling and recycling of E-waste is in district.	There is no any prevalence of informal trading, dismantling and recycling of E-waste is in district.	Not required	-	District Administration/ ULB's / SPCB	-
5	Integration of informal sector	There is no mechanism exists for bringing informal sector into main stream in collection and recycling of E-waste as per office record.	There is no mechanism exists for bringing informal sector into main stream in collection and recycling of E-waste as per office record.	Not required	-	District Administration/ ULB's / SPCB	-
6	Awareness and Education	Awareness programs are being organized time to time by producers/PROs	Awareness programs are being organized time to time by producers/PROs	Not required	-	District Administration ULB's/ SPCB	-

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:	None(1CAAQMSStation Proposed) 03CAAQMSStationOperatedby1 NTPC Unchahar, Raebareli.
Number of manual monitoring States operated by SPCBs	03ManualStationsareoperatedby UPPCB, Raebareli
Name of towns/cities which are failing to comply with national ambient air quality stations	None
No of air pollution industries	11

Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Vehicles, etc Stubble] / [Brick Kiln]/ [Industrial Estate]/[Others](Multiple selection)	Large industry, Unpaved roads, Old
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b. Identification of gaps and action plan:

S. No	Action points For village panchayats/ blocks/municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Identification of prominent air polluting sources?	There are 07 air polluting hotspots are identified by UPPCB in the district Raebareli.	Action plan for Hotspot has been prepared and being implemented.	Not required	-	District Administration /ULBs/ SPCB	Complying by December-2023
2.	Ambient Air quality data?	There are 03 manual monitoring stations Are being operated by 01CAAQMS Station Proposed at regional Office UPPCBs, Raebareli	By these three manual monitoring stations air quality being carried out on weekly basis by UPPCB Raebareli	Not required	-	District Administration /ULBs/ SPCB	Complying by Dec-2023

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3	Setting up Of Ambient Air Monitoring Station	01 CAAQMS Station Proposed at regional Office UPPCBs, Raebareli.	01 CAAQMS is proposed on mode by the industries	Not Required	-	District Adminis /ULBs/	Dec-2023
4.	District Level Action Plan for Air Pollution	GRAP is being implemented Source apportionment study is being conducted by IIT Kanpur.	18 vehicle emission air pollution testing centre are available in Raebareli.	Not required	-	RTO	Regular activity of vehicle emission air pollution by RTO department .
5.	Hotspots of air pollution in District	There are 07 air polluting hotspots are identified by UPPCB in the district Raebareli. Action plan for Hotspot has been prepared and being implemented.	Action plan for Hotspot has been prepared and being implemented.	Not required	-	District Admini stration /ULBs/ Agriculture Dept/R TO/DF O/ SPCB	Complying by December-2023

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6.	Awareness on Air Quality	For dissemination of information on local air quality in towns and cities located in District are being disseminated on Swachh Vayu App developed by UPPCB and also being disseminated on uppcb.com	Awareness program is being conducted on regular basis	Not required	-	District Administration /ULBs/ SPCB	By December-2023 after (Swachh Vayu App developed by UPPCB and Sameer App by CPCB is already working)
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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	Sai(2 KM)
Length of Coastline(if any)	None
Nalas/Drains/Creeks meeting Rivers	17
Lakes/Ponds	21[13Hect.]
Total Quantity of sewage from towns and cities in District	40.0MLD(Approx)
Quantity of industrial wastewater	-
Percentage of untreated sewage	100%
Details of bore wells and number of permissions given for extraction of groundwater	-
Ground water polluted areas if any	-
Polluted rivers stretches if any	-

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

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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	Inventory of water bodies is prepared	Not applicable	-	-	UPPCB /Jal Nigam /ULBs	Under Process and complying by December 2023
2.	Quality of water bodies in the district	Periodic monitoring of water bodies are being carried out by UPPCB, Raebareli.	Not applicable	-	-	UPPCB /Jal Nigam /ULBs	Under Process December-2023
3.	Hotspots of water contamination	Water Quality monitoring is being done by UPPCB, Raebareli and action plan is being implemented for restoration of water quality by UPPCB.	Not applicable	-	-	UPPCB/ Jal Nigam/ULBs	None
4.	Protection of river/lake waterfront	Action plan should be prepared for control river side open defecation, dumping of Solid waste on riverbanks, for idol	All 9 ULBs of district	-	-	ULBs	On going and completed by

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		Immersion etc.	Raebareli is ODF+ certified. Screening of waste water drains is under process.				December 2023
5.	Inventory of sources of water pollution	Inventory is prepared	The process of bio-remediation of waste water drain is under process	-	-	UPPCB/ Jal Nigam/ULBs	complying by December 2023
6.	Oil spill disaster management (for coastal districts)	Whether district oil spill crisis management group and District Oil Spill Disaster Contingency Plan has been created? If not, create District Oil Spill Crisis Management Group and District Oil Spill Disaster Contingency Plan for the district.	NA	NA	NA	None	None
7.	Protection of flood plains	Check whether there is regulation for protection of floodplain encroachment? Action plan should be prepared for protection Flood plain and prevention of encroachment.	-	-	-	Irrigation Department	-

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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.	-	-	-	Jal Nigam	-
9.	Complaints	Complain redressal system is already running.	Complain redressal system is already running.	Not required	-	UPPC B	Regular activity

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 town sand above	0
No of Class-I towns and above	01
No of Towns STPs installed	1 (Under Construction)
No of Towns needing STPs	0
No of ULB shaving partial underground Sewerage network	1
No of towns not having sewerage network	08
Total Quantity of Sewage generated in District From Class II cities and above	15MLD
Quantity of treated sewage flowing into Rivers (directly or indirectly)	0MLD
Quantity of untreated or partially treated sewage (directly or indirectly)	10MLD
Quantity of sewage flowing into lakes	5
Total available Treatment Capacity	0 MLD

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

S. No.	Action points For village panchayats/b locks/munici palities	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
	/corporations		Action Point	Budget Required	Budget Available		
1.	Sewage Treatment Plants (STPs)	STP work which was under construction is now completed.	STP is now functional but is under trial period by Jal Nigam	-	-	ULB	Completed
2.	Underground sewerage network	Connection of house holds to sewage network is under process	Connection of house holds to sewage network is under process.	-	-	ULB	Under process (40% work is complete) Target timeline is December-2023

5.0 Industrial waste water management

a. Current Status related to Industrial Waste water Management

Number of Red, Orange, Green and White industries in the district	No of Red industries-13 Orange-09 Green-15
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No of Industries discharging wastewater	01
Total Quantity of industrial wastewater generated	5760 KLD by NTPC Unchahar Approx
Quantity of treated industrial wastewater discharged into Nalas/ Rivers	5760 KLD Approx
Common Effluent Treatment Facilities	0
No of Industries meeting Standards	01
No of Industries no meeting discharge Standards	0

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 Gap	-	Not required	-	DIC/SPCB	Regular Activity
2.	Complaint redressal system	Complaint redressal system is already running	-	Not required	-	District Administration/ULB /SPCB	By December-2023 or after (Swach Vayu App developed by UPPCB and Sameer App by CPCB is already working)

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	Sand mining/Soil mining
No of licensed Mining operations in the District	01
%Area covered undermining in the District	0.00016%
Area of Sand Mining	0.6588sqkm
Area of soil Mining	Riverbed

b. Identification of gaps and action plan:

S. No	Action Points	Gaps and Action Plan	Action Plan			Responsible Agency	Timeline For completion of action plan
			Action point	Budget Required	Budget available		
1.	Monitoring of Mining activity	A district level task team may be identified to identify mining activity and to monitor status wither respect to environmental compliance	Not Applicable	Not Applicable	Not Applicable	District Administration	-
2.	Inventory of illegal mining if any mining	Action plan to identify illegal sand and other mining activity in the District. District Level task Force may be constituted for control of illegal	Not Applicable	Not Applicable	Not Applicable	District Administration	-

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		mining activity					
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.	Not Applicable	Not Applicable	Not Applicable	District Administration	-

7.0 Noise Pollution Management plan

a. Current Status related to Noise Pollution Management

Details of Data Requirement	Measurable Outcome
No. of noise measuring devices available with various agencies in district	Regional office U.P Pollution Control Board, 02 Analyzer Available

b. Identification of gaps and action plan:

S. No	Action Points	Gaps and Action Plan	Action Plan			Responsible Agency	Timeline For completion of action plan
			Action point	Budget Required	Budget available		
1.	Availability of Sound/ Noise level meters.	Need to check whether concerned agencies that is	Total 2 no. of Sound/ Noise level	Not required	-	District Administration/ULB/RT O	Complying by December-2023

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		ULBs, SHOs, Traffic police and SPCB/PCC have no is eleven meters. District administration may ensure through an action plan that concerned agencies and environmental cell under district administrative on have Adequate number of portable noise level meters.	meters available in UPPCB, Raebareli				
2.	Ambient Noise Level monitoring.	Ambient Noise Monitoring is being carried out by UPPCB, Raebareli	Presently, no any action plan has prepared fixed ambient noise level monitoring stations	Not required	-	District Administration/ULB/RT O/SPCB	12 months or by December-2023 after release of fund and acquisition of Land

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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.	Not applicable	Not required	-	District Administration/ULB/RTO	Complying by December-2023
4.	Complaint redressing system	Complaint redressal system is already running	Not required	Not required	-	District Administration/ULB/RT O/ SPCB	Complying by December-2023

Divisional Director
Social Forestry Division
Raebareli

District Magistrate
Raebareli