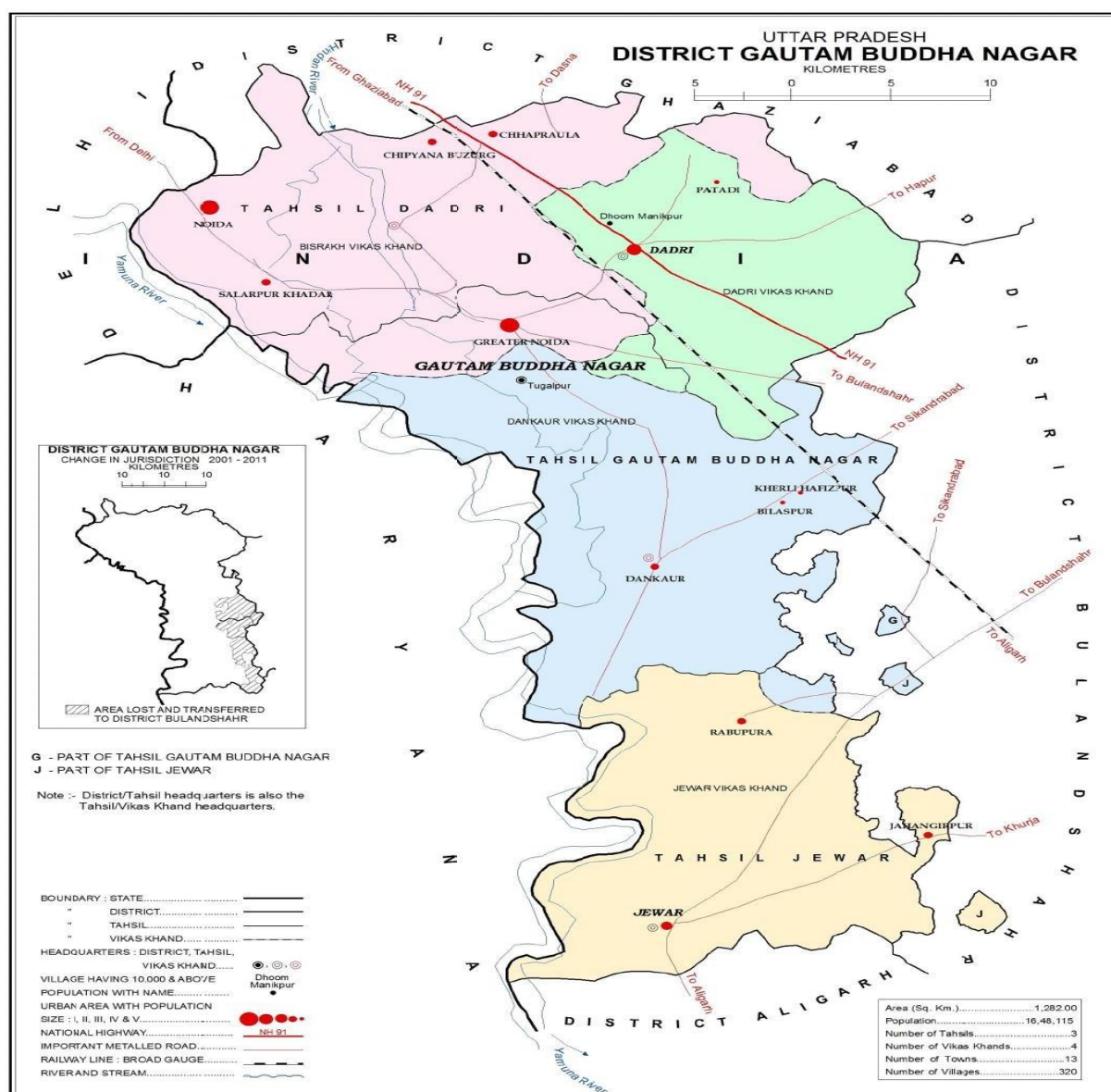


District Environment Plan for District Gautam Buddha Nagar (U.P.)



Surajpur, Greater Noida, Gautam Buddha Nagar



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1.0 District Profile

Gautam Buddha Nagar is a largely suburban district of Uttar Pradesh, named after Gautam Buddha. It is part of the Delhi NCR and is divided into 3 sub-divisions i.e. Noida Sadar, Dadri and Jewar. Greater Noida is the administrative headquarters of Gautam Buddha Nagar district. Noida, Greater Noida, Dadri, Jewar and Dankaur fall under this district.

According to the 2011 census of India, Gautam Buddha Nagar has a population of 1,648,115. It is ranked 294th out of a total of 640 Indian districts in terms of population. Gautam Buddha Nagar has a population density of 1,161 inhabitants per square kilometer (3,010/sq mi). Lies between north latitude 28.5333 and east latitude 77.3891.

Places of Interest Botanical Garden, Noida, Rastriya Dalit Prerna Sthal and Green Garden, Okhla bird Sanctuary, Noida, Biodiversity Park, Noida, Buddha International Circuit, Greater Noida and Surajpur Bird Sanctuary, Greater Noida. District Gautam Buddha Nagar sharing its boundaries with Ghaziabad, Bulandshahr, Faridabad, and Delhi.

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. Noida 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. Noida city have Polluted Industrial Areas (PIAs). <https://cpcb.nic.in/new-cepi-action-plan/>

History

Gautam Buddha Nagar (GBN) district was formed on 6 September 1997 by carving out the portions of Ghaziabad district and Bulandshahr district. Dadri and Bisrakh blocks carved out of Ghaziabad, while Dankaur and Jewar blocks have been carved out of Bulandshahr.

Area & Geography

The district has area between the two main rivers of India namely Ganga and Yamuna. In the North of the district Ghaziabad and borders of Delhi, in the south Aligarh, In the east Bulandshahr, in the west Border of Haryana State are located. The total geographical area of the district is 1442 sq.

a. District Administrative Set-up & Local institutions

District Gautam Buddha Nagar includes Dadri and Bisrakh blocks carved out of Ghaziabad, while Dankaur and Jewar blocks have been carved out of Bulandshahr District. 18 other villages from Bulandshahr have also been carved out and have been included in Dankaur and Jewar.



Administration:

A district is an administrative division of a state. Each district in India has an officer-in-charge who represents the state governments in that area in the capacity of Collector/District Magistrate. Collectorate is the name of the building in ancient times where the DM, ADM and revenue collection staff officiates. Now it is known as DM Office. The office of the collector is the chief representative of government in a District.

District administrator-

S. No.	Name	Designation
1	Mr. Suhas L Y	District Magistrate
2	Mr. Balram Singh	ADM (L/A)
3	Mrs. Vandita Srivastva	ADM (F/R)
4	Mr. Nitin Madan	ADM(E)
5	Mr. Umesh Chand Nigam	City Magistrate Noida
6	Mr. Alok Kumar Gupta	SDM Dadri
7	Mr. Rajnikant	SDM Jewar
8	Mr. Ankit Kumar	SDM Sadar
9	Komal Panwar	Deputy Collector
10	Mr. Ankit Verma	Deputy Collector
11	Mr. Vivekanand Mishra	Tehsildaar Dadri
12	Mr. Akhilesh Singh	Tehsildaar Jewar
13	Mr. Yadvansh Kumar	Tehsildaar Sadar

Blocks –

S. No.	Block Name	Village
1.	Bisrakh	57
2.	Dadri	110
3.	Dankaur	19
4.	Jewar	92
	Total	278

Tehsil–

S. No.	Tehsil Name	Village
1.	Jewar	92
2	Sadar	120
3.	Dadri	110

Village & Panchayats

There are 102 Gram Panchayats in Four blocks of District GB Nagar.

Municipal Bodies

S. No.	Type of Body	Body
1.	Authority	Noida Development Authority
2.	Authority	Greater Noida Industrial Development Authority
3.	Authority	Yamuna Expressway Industrial Development Authority
4.	Authority	U.P. State Industrial Development Authority
5.	Nagar Palika Parishad	Dadri
6.	Nagar Panchayat	Jewar
7.	Nagar Panchayat	Dankaur
8.	Nagar Panchayat	Jahangirpur
9.	Nagar Panchayat	Bilaspur
10.	Nagar Panchayat	Rabupur

b. Natural Resource -

• Water bodies

District Gautam Buddha Nagar has area between the two main rivers of India namely Yamuna and Hindon. There are three wetlands which are located in Gautam Buddha Nagar, Okhla bird sanctuary, Surajpur wetland, Dhanauri wetland.

▪ Availability of water resources

The main water resources of district Gautam Buddha Nagar are ground water and river.

▪ Forest coverage

Gautam Buddha Nagar on the other hand has 1.56% of forest cover, about 20 sq km, of its 1,282 sq km of geographical area

c. Demography

It is ranked 294th out of a total of 640 Indian districts in terms of population. Gautam Buddha Nagar has a population density of 1,161 inhabitants per square kilometer (3,010/sq. mi). The female literacy stands at 72.78% much higher than national average of 65.46%. At the time of the 2011 Census of India, 94.68% of the population in the district spoke Hindi, 1.29% Bengali, 1.10% Urdu, 0.97% Punjabi and 0.49% Maithili as their first language.

Description	2011	2001
Population	16.48 Lakhs	12.02 Lakhs
Actual Population	1,648,115	1,202,030
Male	890,214	652,819
Female	757,901	549,211

Population Growth	37.11%	43.36%
Area Sq. Km	1,282	1,282
Density/km ²	1,286	898
Proportion to Uttar Pradesh Population	0.82%	0.72%
Sex Ratio (Per 1000)	851	841
Child Sex Ratio (0-6 Age)	843	854
Average Literacy	80.12	68.69
Male Literacy	88.06	81.26
Female Literacy	70.82	53.70

d. Land-use pattern

The details are given below: -

Reported Area	Cultivable area	Forest area	Land under non-agricultural use	Cultivable waste land	Land Under Misc. trees crops and groves	Current Fallows	Barren and uncultivable	Other Fallows
1442 KM	82100ha	13.85 sq.km	82100Ha	51.59KM	106.07KM	-	-	-

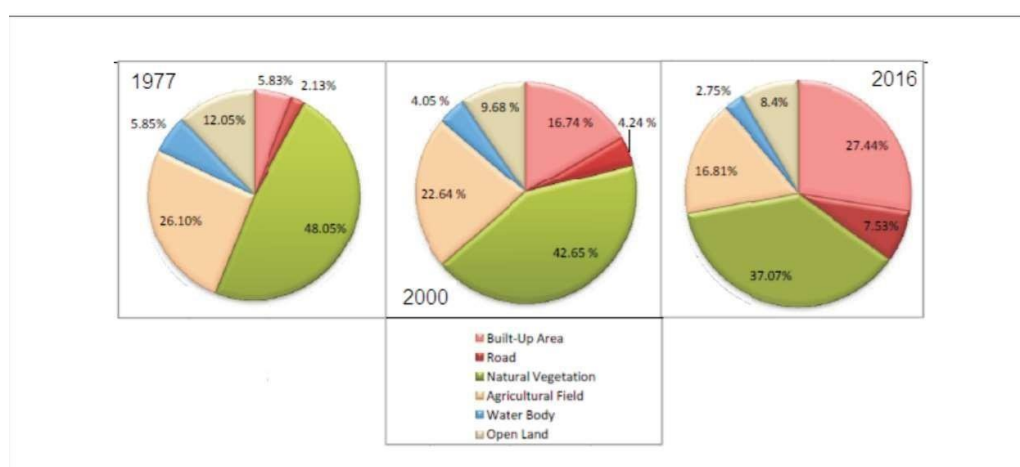


Fig.3: Land use and Land cover of Gautam Budh Nagar in 1977, 2000 and 2016

e. Climate -

The average temperatures are around 29 °C (85 °F), It vary from 25 °C (78 °F) on rainy days to 32 °C (90 °F) during dry days. The monsoons recede in late September, and the post-monsoon season continues till late October, with average temperatures sliding from 29 °C (85 °F) to 21 °C (71 °F).

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

(i) Solid Waste Management

a. Current status related to solid Waste management

S. No.	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated Tones per day
1	Greater Noida Industrial Development Authority	124 villages, 70 sectors	97501	9,70,077	300 to 350 TPD
2	Noida Industrial Development Authority	10	96000	9.14 lacs	~700 MTD

S. No.	Local Bodies	No of Village Panchayats /Blocks	No of Households	Population	Solid Waste Generated per day
1	Block /Taluk / Mandal Tehsils	04Block/03 Tehsil	Dadri - 234,537 Sadar- 36,975 Dankaur - 2,201 Bisrakh - 1,86,107	-	339.52 MTD
2	Village/Gram Panchayats	423 (Noida)/ 102 (G. Noida)	NA	-	NA

b. Identification of gaps and Action plan:

S. No	Action	Identification of gap	Action Plan			Responsible agencies	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
1.	Segregation						
	Segregation of waste at source	70% waste segregated at source and 30% waste not segregated.	Working on remaining 30% of solid waste. M/s NTPC Vidhyut Vyapar Nigam Limited has prepared a plan to make Torrified Charcoal (Green Coal) from the mix waste of Noida area for a permanent solution to the Municiple Solid Waste. This Green Coal will be used by M/s NTPC Vidhyut Vyapar Nigam Ltd. for	153.00 lacs	153.00 lacs	ULBs/Authorities	1. NGOs: Ongoing New tenders: by end of 2023

			<p>electricity generation on electricity production centres.</p> <p>Green Coal Plant (efficiency-600 TPD)</p> <p>Land will be made available by Noida for the operation of the above.</p> <p>2 NGOs have been hired to initiate IEC about source segregation of waste. Newer tenders make it important for the Vendor to take segregated waste</p>				
2. Sweeping							
(i)	Manual Sweeping	<p>regular sweeping -70% manual sweeping ongoing in noida.</p> <p>-No gaps in manpower.</p> <p>-No gap in availability of sweeping tools/equipments</p>	<p>Working on remaining 30% manual sweeping by authorities</p> <p>In Greater Noida (Tender has been floated for 2 zones out of total 4 zones.</p> <p>All the tenders are expected to be awarded in next 3 months. It is in the scope of vendor to deploy manpower and provide sweeping tools/ equipment, PPE's, as required.</p>	4500.00 lacs	4500.00 lacs	ULB's/ Authorities	Regular activity

			It may be noted that the manpower has been increased by 400+ in proposed tenders in comparison to deployment, resulting in total of ~1272 labour.)				
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(ii)	Mechanical Road Sweeping & Collection	<p>In ICCC integrated command control centre monitoring of mechanical sweeping is being done.</p> <p>In sector-94 ICCC established by Public Health Department collaboration of M/s HCL Foundation</p> <p>Around 400 km mechanical sweeping of main roads is being covered.</p> <p>8 machines by contractors and 2 machines by noida authority is working.</p>	<p>The monitoring of the mechanical sweeping is done by ICCC centre.</p> <p>03 agencies are hired for mechanical sweeping named-</p> <p>1. M/s channai MSW (P) Ltd.</p> <p>2. M/s BVG India Ltd.</p> <p>3. M/s Lion Service Ltd.</p> <p>Mechanical sweeping is being done twice a week at night.</p> <p>Water sprinkling on roads is being done for controlling dust and soil.</p> <p>STPs treated water is being used for cleaning of 400 km of roads per day.</p> <p>The access is available for the citizens as well on GIS layer (which is on official website of GNIDA)</p> <p>60% Mechanical Road sweeping Ongoing in Noida</p>	1300.00 lacs	1300.00 lacs		Ongoing

	Waste Collection						
(i)	100% collection of solid waste	100% collection	<p>No gap for collection of solid waste.</p> <p>New Tender of Centralized has provision for collection of all waste, even from sectors which are not covered in the existing tender.</p> <p>Door to Door Collection/ 100% Ongoing.</p>	3800.00 lacs	3800.00 lacs	Authorities / ULBs	Ongoing
(ii)	Arrangement for door-to-door collection	<p>100% collection from All sectors, villages, industrial areas, commercial areas, institutional areas.</p> <p>per day approx 600 ton waste is being collected from households</p> <p>Dry and Wet waste collection is done separately</p> <p>As a part of the decentralized tender, door to door collection will begin in 10 villages.</p>	<p>170 Rickshaw for door to door collection across the district.</p> <p>10 E-rickshaw, 215 small vehicles, and 70 big vehicles have been deployed.</p> <p>For waste collection, available agency is M/s AG Enviro Infra Project Pvt. Ltd.</p>	NA	NA	Authorities / ULBs	Ongoing
(iii)	Waste Collection trolleys with separate compartments	215 small vehicle with separate compartments already have.	New tenders (Centralized and Decentralized) mandate it for the vendor to have segregated Compartments.	NA	NA	ULB's / Development Authorities	Ongoing
(iv)	Mini Collection Trucks with separate compartments	Appro 20 E-Rickshaw with separate compartments already have.	At present not required	0	0	ULB's / Development Authorities	Ongoing

(v)	Waste Deposition Centers (for domestic hazardous wastes)	Door to door vehicles is equipped to collect Hazardous Waste	Adequate Mechanized waste compaction transfer station is established in Noida.	NA	NA	ULB's / Development Authorities	Ongoing
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4. Waste Transport							
(i)	Review existing infrastructure for waste Transport.	Adequate M/s AG Enviro Infra Project Pvt Ltd. was selected for a period of 10 years.	Mechanised waste compaction Transfer stations is establised in Noida.	306.0 crore	306.0 crore	ULB's / Development Authorities	Ongoing
(ii)	Bulk Waste Trucks	70 heavy vehicles	No requirement, Assessment already done	NA	NA	ULB's / Development Authorities	-
(iii)	Waste Transfer points	Adequate	No requirement, assessment already done	NA	NA	ULB's / Development Authorities	-
5 Waste Treatment and Disposal							
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	For scientific disposal of wet waste, a proposed plan of Compressed Bio Gas Plant (200 MT per day efficiency) by M/s Ever Enviro Resource Management Private Limited (ERMPL) on 6.00 acre of area.	<p>after door to door wet waste collection, it will be made available to the Compressed Bio Gas Plant.</p> <p>For conduction of this plant land will be made available by Noida authority.</p> <p>Plant will be completed in 18 months.</p> <p>Generated Bio CNG Gas(6.5 MT per day) and Organic Manure will be sold after complition of the Plant.</p> <p>No expenditure by noida authority will be carried.</p>	NA	NA	ULB's / Development Authorities	Ongoing
(ii)	Wet-waste Management: Facilities for central Bio machination/ Composting of wets waste.	07 biomathanization plant and 11 compost plant exists.	Total 18 plant (07 biomathanization and 11 compost plant) have been established by Noida authority for scientific disposal of wet waste generated		0	ULB's / Development Authorities	Ongoing

			from all sectors.				
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	2 MRF (of 25 TPD 10 TPD) established in sector-80 and sector-119 in Noida 1 MRF setup at Sector-12 Ecotech in Greater Noida. 5 decentralized MRFs to be setup under new decentralized tender.	Collected and segregated dry waste is being recycled at MRF centres in different categories. for eg- plastic, glass, paper, cardboard, metal, RDF, cloth, packaging material, bottles etc.	NA	NA	ULB's / Development Authorities	Ongoing
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Already SLF has been constructed.	Inert waste and process rejects generated from centralized and decentralized processing facilities will be disposed in Sanitary Landfill.	NA	NA	ULB's / Development Authorities/ ULBs	Ongoing

(v)	Remediation of historic / legacy dumpsite	<p>1.00 lakh metric tonn legacy waste has been disposed of scientifically in sector-54</p> <p>6.70 metric tonn legacy waste disposed of in sector-145</p> <p>rest of the waste disposal Is being done.</p>	<p>After remediating the dumpsite of sector-54, a wetland has been made on 10 acre reclaimed land.</p> <p>After remediation Wastes are changed in 20% RDF, 70% compost and 7% stone and 3% moisture remains</p> <p>For remediation implementation of 100% environmental norm is being followed</p> <p>Remediation to begin in a month at Lakhnawali site. Contract has been awarded and Remediation to be proceed in Sector-145, Noida</p>	NA	NA	ULB's/ Development Authorities	Ongoing
(vi)	Involvement of NGOs	Involvement of 2 NGOs envisaged	<p>Two NGO organizations has been engaged.</p> <p>1. Feedback Foundation Charitable Trust.</p> <p>2. All India Institute for Local Self Government</p>	NA	NA	ULB's / Development Authorities	Ongoing

(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Producers, brand owners being identified	A portal of CPCB has been created for registering EPR.	Retender	NA	UPPCB/ULB's / Development Authorities	Ongoing
(viii)	Authorization of Waste Pickers	Yes	List of authorized waste pickers should be Available (total 2009 rag pickers)	NA	NA	ULB's / Development Authorities	Complied
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Prepared	NA	NA	ULB's / Development Authorities	Ongoing

(ii) Plastic waste Management

a. Current status related to Plastic waste management

S. No.	Urban Local bodies	Estimated quantity of Plastic Waste Generated (MT/day)
1	Greater Noida Industrial Development Authority	5 to 10 tons/day
2	Noida Industrial Development Authority	25 tons/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
			ActionPoint	Budget Required	Budget Available		

1.	Door to Door collection of dry waste including PW	100% door to door collection	100 % door to door collection	0	0	Authorities / ULB	Ongoing
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	<ul style="list-style-type: none"> • 12 MRF available in Noida authorities • Involvement of informal sector /NGO. • Registering waste pickers • Linkage with PW recyclers Involvement of producers and brand-owners	Within the district outline specific plans for Each village panchayat/ block/municipality/Nagar panchayat Corporation's for plastic waste collection	0	0	Authorities /ULB	Ongoing
3.	PW Collection Centers	In Greater Noida and Noida	Plastic waste collection center should be established in adequate numbers. Coordination with State Urban Department may be necessary			Authorities/ ULB	by 2022)

4.	Awareness and education programs implementation	Yes	Education through mass media, schools, Producer / brand owner campaigns and other channels regular basis	0	0	Authorities /ULB	Ongoing
5.	Access to Plastic Waste Disposal Facilities	<p>-Plastic recycled products like statues, Benches, chairs, tree guards etc. has been made.</p> <p>-Largest Keyboard has been made from recycled Plastic</p>	<p>Approx 15 recycling facility available.</p> <p>01 plastic oil producing facility available.</p> <p>Nagar Nigam Civil Dept. use plastic waste for road making(3-4 kms stretch)</p>	0	0	Authorities /ULB	Ongoing

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)	400 MTD as per data from authorities.
Does the District have access to C&D waste recycling facility?	Yes, Noida District has access to C&D waste recycling facility and in Greater Noida it is under process.

b. Identification of gaps and Action plan:

S. No.	Action points for blocks/ town municipalities/ City corporations	Identification of Gaps	Action Plan			Responsible agency	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	No gap From date 05-10-2020 C&D waste processing plant is working in Sector-80 with 400 tonn per day capacity.	To be opened for public in 2022 14 collection points. 2 recycling points. Collection and Processing of C&D waste of Noida is being done by M/s Rammaky Reclamation and Recycling Pvt. Ltd.	500.00 lacs	500.00 lacs	Greater Noida Authority/ Noida Authority	Ongoing

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?	<p>-Greate Noida (Tipping fee of 407/- INR per metric ton will be paid by the authority to the Concessionaire for C&D Waste Collection, transportation and processing.</p> <p>-Whereas 40% of tipping fee will be paid if the C&D waste is delivered by the bulk waste generators at the C&D waste processing facility)</p>	Common by-laws may be implemented In District. Local C&D waste management plans can be integrated to develop common collection and recycling facilities	NA	NA	Noida Authority & Greater Noida Authority	Ongoing
3.	C&D recycling Facility	<p>In Noida C&D waste recycling facility available.</p> <p>In Greater Noida Tender awarded to Rise Eleven, Facility to come up by 2022.</p>	From C&D waste Inter locking tiles, Curve stone and other product are made.	NA	NA	Noida Authority & Greater Noida Authority	Ongoing

4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Recycled material will be used by GNIDA wherever possible and the rest of the material will be sold by the Concessional	Local authority may make give appropriate incentives on usage of C & D waste. A % of usage in public works may be specified/ any another scheme.	NA	NA	Noida Authority & Greater Noida Authority	Ongoing
5.	ICE on C & D waste management	yes	NGOs to begin	NA	NA	Noida Authority & Greater Noida Authority	Ongoing

(iv) Biomedical Waste Management

a Current Status related to biomedical waste

Inventory of BMW in the District	Quantity/Nos.
Total no. of Bedded Healthcare Facilities	194
Total no. of non-bedded HCF	827
No. of HCFs authorized by SPCBs/PCCs	928
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	No facility within city. Three facilities from other cities are Engaged in Disposal of BMW- 03 (1. M/s Synergy Waste Management (p)Ltd. 011-26933371 Subharti Medical College, Subharti Puram, Meerut. 2. M/s Environ Waste Connections LLP, BN:102-104, Phase-III, Mg Road Indl. Are, Ghaziabad-Hapur. 3. M/s Medicare Environmental Management Pvt. Ltd. (Semb Remky. Environmental Management Pvt. Ltd., C-21 Phase-I Masuri Gulowthi Road, UPSIDC, Ghaziabad.)

Capacity of CBWTFs	Adequate
No. of Deep burials for BMW if any	-
Quantity of biomedical waste generated per day	4306.76 Kg/day
Quantity of biomedical waste treated per day	100%

a. Identification of gaps and Action plan:

S. No.	Action points	Gaps	Action Plan			Responsible agency	Timeline for completion of action plan
			ActionPoint	Budget Required	Budget Available		
1.	Inventory and Identification of Healthcare Facilities	Yes all HCFs including, clinics, hospitals, veterinary hospitals, Aayush hospitals, animal houses, etc. Generating biomedical waste area identified and authorized by SPCBs/PCCs	Regular inventory is being carried out by UPPCB.	NA	NA	UPPCB/CMO	Regular
2.	Adequacy of facilities to treat biomedical waste	Adequate capacity but One CBWTF unit proposed to established in Gautambudh nagar	Complied (1.M/s Synergy Waste management (p) Ltd. 011-26933371 Subharti Medical college, Subharti Puram, Meerut. 2. M/s Environ Waste Connections LLP, BN:102- 104, Phase-III, Mg Road Indl. Are, Ghaziabad- Hapur. 3. M/s Medicare Environmental Management Pvt. Ltd. (Semb Remky. Environmental Management Pvt. Ltd., C-21 Phase-I Masuri Gulowthi Road, UPSIDC, Ghaziabad.)	NA	NA	UPPCB	Complied

3.	Tracking of BMW	Yes, bar code system is implemented by all HCFs and CBWTFs	all HCFs and CBWTF are using bar code system for tracking of BMW in the district.	NA	NA	UPPCB/ Health Department	Ongoing
4.	Awareness and education of healthcare staff	Yes training has been organized for all stakeholders.	Quality assurance unit organize awareness programs and training to healthcare staff and ULB officials. 6 CSCs are there, for this trainings are organized. Total 50 trainings have been organised	NA	NA	ULBs/ UPPCB/ Development Authority/ NGOs/ Education Department	Ongoing
5.	Adequacy of funds	Yes adequate funds are allocated to Government health care facilities for bio-medical waste management by State Govt.	Already have adequate funds to Government health care facilities for bio-medical waste management by State Govt.	NA	NA	Health Department	Ongoing
6.	Compliance to Rules by HCFs and CBWTFs	yes	For compliance of BMW management rule regular inspection and monitoring of HCF's/Hospitals is being	NA	NA	UPPCB/ Health Department/CMO	Ongoing

			done by UPPCB.				
7.	District Level Monitoring Committee	Yes, District Level Monitoring Committee has been constituted.	Total 7 meetings have been conducted in the current financial year. Last meeting of committee was held on 09-12-2022	NA	NA	UPPCB/For Department	Regular meetings conducted

8.	Waste water Treatment	Already have HCF/Hospitals requiring ETP is permitted to operate without ETP.	Individual health care facilities have their own ETPs to treat waste water.	NA	NA	UPPCB	Ongoing
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(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	445
Quantity of HW in the district	54729.733 MT/Annum
(i) Quantity of Incinerable HW	119.16 MT/Annum
(ii) Quantity of land-fillable HW	52517.202 MT/Annum
(iii) Quantity of Recyclable / utilizable HW	1405.143 MT/Annum
No of captive/common TSDF	00
Contaminated Sites or probable contaminated sites	None

b. Identification of gaps and action plan:

S. No.	Action points	Identification of Gaps	Action Plan			Responsible agency	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		

1.	Regulation of industries and facilities generating Hazardous Waste	Yes, all hazardous waste industries are identified and authorized by SPCBs/PCCs	all hazardous waste industries have agreement with hazardous waste recyclers and authorization with UPPCB also.	NA	NA	UPPCB	Complied/ Ongoing
2.	Establishment of collection centers	Yes	(Bharat Oil & Waste Management Ltd (BOWML) Kanpur, Uttar Pradesh Waste Management Project	NA	NA	Local authority/ UPPCB	Complied
3.	Training of workers involved in handling/recycling/disposal of HW	Yes, Industries and recyclers engaged in recycling/pre-processing/disposal of hazardous waste in the district.	Department of Industries are providing training to the workers on safety aspects on Monthly/Quarterly basis as per provisions under HOWM Rules, 2016.	NA	NA	UPCB/ Industry	Complied/ Ongoing

4.	Availability/ Linkage with common TSDf or disposal facility	Yes, the generators of HW have access to common TSDf in the State.	All generators are linked to TSDf through agreement.	NA	NA	Industry/UP PCB	Complied/ Ongoing
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5.	Contaminated Sites	There are no any sites where soils /Sediments /Ground water contaminated due to dumping of industrial wastes.	Responsible agencies ensures regular inspections for illegal dumping of industrial waste.	NA	NA	Department of Environment/ District Administration/ UPPCB	Complied/ Ongoing

(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	45080 MT/Year
Collection centers established by ULBs in the District	00
Collection centers established by Producers or their PROs	01
No authorized E-Waste recyclers /Dismantler	03 Recyclers/06 Dismantler

b. Identification of gaps and action plan:

S. No.	Action points	Gaps in Implementation	Action Plan			Responsible agency	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
1	Inventory / Generation of E-Waste/Bulk-waste generators	Regular survey is being carried out by UPPCB Presently 21(11 unit of dismantling/recycling and 10 units of collection/generation) have been identified.	Completion of inventory	NA	NA	UPPCB/	Cpmplied
2	E-Waste collection points	21 E-waste collection beans have been installed in district.	E-waste collection and disposal is being done by Noida ,choosing two agencies named M/s Green IT Solution Pvt. Ltd. and M/s BVG systems india Pvt. Ltd.	NA	NA	authorities/ULBs	Ongoing

3	Linkage among Stakeholders to channelize E-Waste	Yes, District administration has information on collection centers established by Producers/PROs. Inventory of identify authorized E- Waste recyclers in the district or in State to channelize E- waste collected in District.	Authority will provide payments to E-waste givers on standard rates by choosed agency.	NA	NA	UPPCB/ULBs	By June 2023
4	Regulation of Illegal E-Waste recycling/ dismantling	No Prevalence of informal trading, dismantling, and recycling of E-waste is in District.	Regular inspection is being carried out by UPPCB to stop illegal processing activities. If any such activity found Closer order is issued immediately.	NA	NA	District Administration /ULBs/UPPCB/ RTO	Ongoing
5	Integration of informal sector	At present no mechanism exists for bringing Informal sector into main stream incollection and recycling of E-Waste.	Evolve mechanism by involving producers/ PROs. Under process	NA	NA	UPPCB	By June 2023
6	Awareness and Education	Yes, there are programs held at district level for awareness about E-waste management.	Yes special workshops and awareness campaigns through Producers/P Ros.	-Rs. 30,000/- for awareness purpose regarding environmental management for Ghaziabad and Hapur -Rs. 20,000/- for events like environment'	NIL	ULBs/ UPPCB/ Development Authority/ NGOs/Education Department	Ongoing

				day etc.			
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Targets for collection of their E-Waste are given to each Producers. Every Producers should have installed a network of collection centers 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.

3.1 Air Quality Management

a. Current Status related to Air Quality Management

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring	06
Stations in the district. - Operated by SPCB / State Govt / Central govt./ PSU agency: - Operated by Industry:	(05 CAAQMS Operated by UPPCB and 01 CAAQMS operated by IMD)
Number of manual monitoring States operated by SPCBs	06
Name of towns/cities which are failing to comply with national ambient air quality stations	NA
No of air pollution industries	151
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	Indicative Action Plan			Responsible agency	Timeline for completion of action plan
		Action Point	Budget Required	Budget Available		
1.	Identification of prominent air polluting sources?	Dust app is created to monitor dust emission from construction sites. Sameer app is created to register complaints. People can also register complaint on twitter also.	NA	NA	UPPCB	Ongoing
2.	Ambient Air quality data?	Manual and automatic station is being running to get AQI data.	NA	NA	UPPCB	Ongoing
3.	Setting up of Continuous Ambient Air Quality Monitoring Station	Manual and CAAQMS station is established	NA	NA	UPPCB	Ongoing

4.	District Level Action Plan for Air Pollution	<p>Yes, prepared for both improvement of existing air quality as well as for non-attainment days to national ambient air quality standards.</p> <p>National Air Monitoring Programme (NAMP) is executed by CPCB for ambient Air quality monitoring.</p> <p>GRAP is developed by CPCB to control air pollution.</p> <p>NCAP (National Clean Air Programme) portal for regulation of air pollution in Non attainment cities.</p>	NA	NA	UPPCB	Ongoing
5.	Hot-spots of air pollution in District	<p>03 hotspots has been identified in respect of air pollution in Greater Noida.</p> <p>Comprehensive Environmental Pollution Index (CEPI) monitoring for polluted industrial areas.</p>	NA	NA	UPPCB	Complied/ Regular Process

6.	Awareness on Air Quality	<p>Mobile App/ Online portal for dissemination of air quality complaints is already in process.</p> <p>Awareness programme is being organized time to time.</p> <p>On 28.11.2022 an awareness programme had been organized named 'Swachh Vayu Dirgh Aayu' With collaboration of NGOs.</p>	<p>Rs. 30,000/- for awareness purpose regarding environmental management -Rs. 20,000/- for events like environment day etc.</p>	NIL	UPPCB/ NIC	Regular
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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.

4.1 Water Quality Management

4.2 Water Quality Monitoring

a. Current Status related to Water Quality Management

Details of Data Requirement	Present Status
Rivers	02 (Hindon/Yamuna)
Length of Coastline (if any)	-
Nalas/ Drains/Creeks meeting Rivers	03
Lakes / Ponds	03
Total Quantity of sewage from towns and cities in District	307 MLD
Quantity of industrial wastewater	37.51 MLD
Percentage of untreated sewage	4527.89 cusec (as per information provided by irrigation department)
Details of bore wells and number of permissions given for extraction of groundwater	-
Groundwater polluted areas if any	-
Polluted river stretches if any	Yamuna, Hindon River

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

S. No.	Action points	Gaps and Action Plan			Responsible agency	Timeline for completion of action plan
		Action Point	Budget Required	Budget Available		

1.	Inventory of water bodies	<p>Yes, An environmental monitoring cell maintained data of all water bodies in Revenue Records of the district .</p> <p>National wetland atlas also have discription of all water bodies and lakes.</p> <p>More than 700 wetlands are in the list.</p>	NA	NA	UPPCB/Jalkal(GNN)/Jal Nigam/Irrigation Dep.	Partially Complied/Ongoing process
2.	Quality of water bodies in the district	<p>Regular periodic monitoring is being done by UPPCB for specific water parameters.</p> <p>To disseminate information pertaining to water quality is being uploaded in different portals like GDPMS NMCG kumbh.ucecp.in</p>	NA	NA	UPPCB/Jal Nigam	Complied. Ongoing process

3.	Hotspots of water contamination	Hotspot area is being identified. District Environment and Ganga Committee have already been constituted for this task.	NA	NA	District Authorities /District Administration/SPCB	Complied. Ongoing process
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4.	Protection of river/lake water front	Action plan already been prepared for Hindon river for control river side open defecation, dumping of Solid waste on river banks, for idol immersion etc.	NA	NA	District Authorities/ District Administration/SPC B	Ongoing for other rivers
5.	Inventory of sources of water pollution	Yes, inventory is prepared of all sewage and wastewater discharge points into water bodies in the district.	NA	NA	District Authorities/District Administration/SPC B	Complied
6.	Oil spill disaster management (for coastal districts)	Gautambuddha nagar is not comes under coastal districts.	None	None	None	None
7.	Protection of flood plains	Yes, there is regulation for protection of flood plain encroachment.	NA	NA	Irrigation Department	Ongoing

8.	Rejuvenation of groundwater	Group Housing Societies/Industries have Rain water harvesting system to rejuvenate ground water.	NA	NA	UPGWD/Jal Nigam	Ongoing
9.	Complaints redressal system	Yes, There is IGRS Portal and Twitter complaint redressing system.	Rs. 30,000/- for awareness purpose regarding environmental management for -Rs. 20,000/- for events like environment ' day etc.	NIL	UPPCB	Complied/ Ongoing process

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	1
No of Class-I towns and above	1
No of Towns STPs installed	10
No of Towns needing STPs	2 STPs are under construction in noida region
No of ULBs having partial underground sewerage network	2
No of towns not having sewerage network	-
Total Quantity of Sewage generated in District from Class II cities and above	[Approx. 80-100 MLD]
Quantity of treated sewage flowing into Rivers (directly or indirectly)	[Approx. 258 MLD]
Quantity of untreated or partially treated sewage (directly or indirectly)	4527.89 Cusec/as per information provided by irrigation department.
Quantity of sewage flowing into lakes	No sewage flowing into takes
Total available Treatment Capacity	[405 MLD]

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

S. No.	Action points	Gaps and Action Plan			Responsible agency	Timeline for completion of action plan
		Action Point	Budget Required	Budget Available		
1.	Sewage Treatment Plants (STPs)	02, STPs is being constructed in Noida – 1. Sector-168 (Total Capacity 100MLD) 2. Sector-123 (Total Capacity 80MLD) After completion of this project total 119 sectors population will get benefitted.	115 .44 Cr. for 80 MLD and 143.58 Cr. 100 MLD	115 .44 Cr. for 80 MLD and 143.58 Cr. 100 MLD	Jal Nigam/UD /G NIDA /Noida authorities	Ongoing
2.	Underground sewerage network	Yes, Sewerage network Action plan for laying of sewerage network in town and cities. 02 ULBs have partial under ground sewerage network is available.	NA	NA	Jal Nigam/ GNN/G NIDA/N oida authorities	Complied/ Ongoing

Industrial wastewater management

a. Current Status related to Industrial Wastewater Management

Number of Red, Orange, Greenland White industries in the district	[189 Red Industries] [837 Orange Industries] [322 Green industries]
No of Industries discharging waste water	68

Total Quantity of industrial waste water generated	42.74 MLD
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Quantity of treated industrial waste water discharged into Nalas /Rivers	42.74 MLD
Common Effluent Treatment Facilities	0
No. of Industries meeting Standards	66
No of Industries not meeting discharge Standards	02 (3 rd party show cause)

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 Avail able		
1.	Compliance to discharge norms by Industries	<p>No gap found Regular inspection is being carried out by SPCBs.</p> <p>When any defaulter is found than EC is imposed/recommen ded against defaulter units. If required Action of closer also initiated.</p> <p>Industries installed effluent treatment plant to treat generated effluent.</p>	NA	NA	UPPCB	Ongoing
2.	Complaint redressal system	Social media twitter, Sameer and IGRS is there for Public to submit any complaint including waste water.	<p>Rs. 30,000/- for awareness purpose regarding environmental management</p> <p>-Rs. 20,000/- for events like environment day etc.</p>	NIL	UPPCB for	Ongoing

5.1 Mining Activity Management plan

a. Current Status related to Mining Activity Management

Details of Data Requirement	Existing Mining operations
Type of Mining Activity	Open Casting Sand Mining
No of licensed Mining operations in the district	03
% Area covered under mining in the district	138 Hect. (Chakbasantpur ,Raipur khadar, Jhuppa)
Area of Sand Mining	1.39 Sq. KM
Area of sand Mining	Yamuna River Bed

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	NA	NA	District Mining Department	Ongoing Process
2.	Inventory of illegal Mining if any Mining activity	Yes, illegal sand and other mining activity in the district through surveillance, patrolling and enforcement. District Level task Force are constituted for control of illegal mining activity	NA	NA	District Administration/District Mining Department	Ongoing Process
3.	Environment compliance by Mining industry	Yes, periodic Verification of Compliance to environmental Conditions stipulated by SPCBs/PCC, MoEF&C department of mines Etc. is being done.	NA	NA	District Mining Department	Ongoing Process

1.1 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	05 Measuring device (UPPCB) Noida/G. Noida

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.	UPPCB have noise monitoring devices to monitor residential/industrial /commercial and critical area noise level.	NA	NA	UPPCB/ District Administration/ULBs/S HOs/Traffic Police	Ongoing
2.	Ambient Noise Level monitoring	UPPCB ensure ambient sound levels by regular noise level monitoring in particular zones. major cities and towns, requires fixed ambient noise level monitoring stations to be installed.	NA	NA	UPPCB/ ULBs	Ongoing

3.	Signboards in Noise zones	Yes, adequate number of sign boards installed at sensitive zones in towns / cities in towns and cities.	NA	NA	District Administration/ULBs/Police	Ongoing
4.	Complaint redressing system	IGRS portal and Twitter like social media platform is there for public complaint redressed system for noise pollution. Such application may be used bySHOs, Traffic police ULBs and SPCBs in the district.	Rs. 30,000/- for awareness purpose regarding environmental management for Ghaziabad and Hapur -Rs. 20,000 /- for events like environment's day etc.	NIL	District Administration/Police Administration/ULBs/UPPCB	Ongoing
