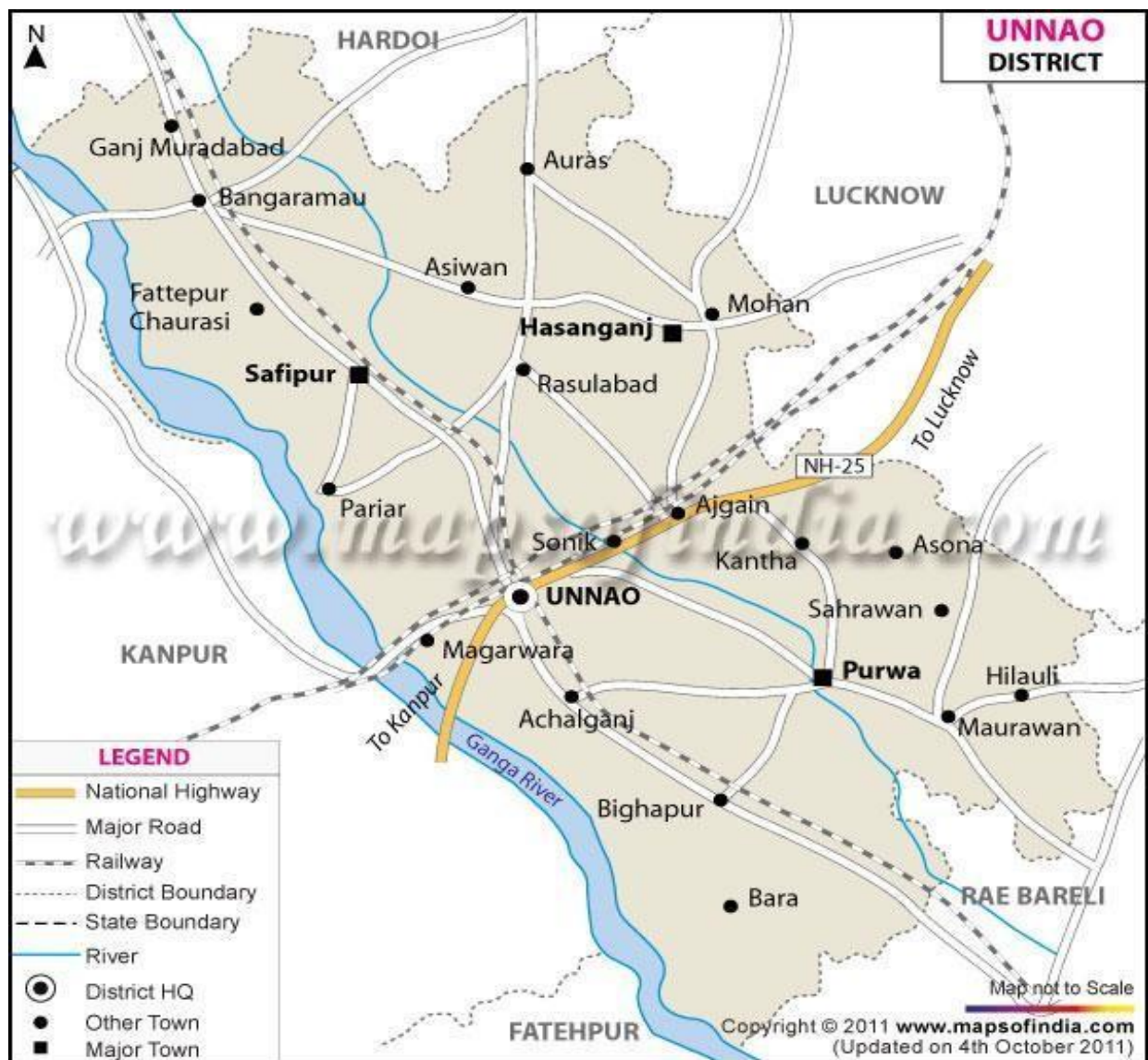


DISTRICT ENVIRONMENT PLAN FOR DISTRICT - UNNAO STATE – UTTAR PRADESH



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District Profile

2 Historic Importance

The freedom struggle of 1857-1858 was followed by the transfer of power from the East India Company to the British Crown. As soon as order had been restored, the civil administration was re-established in the district which was named district Unnao, with headquarters at Unnao. The size of the district was however small till 1869, when it assumed its present form. The same year the town of Unnao was constituted a Municipality.

The district is named after its Headquarter town, Unnao. About 1200 years ago, the site of this town was covered with extensive forests. Godo Singh, a Chauhan Rajput, cleared the forests probably in the 3rd quarter of the 12th Century and founded a town, called Sawai Godo, which shortly afterwards passed into the hands of the rulers of the Kannauj, who appointed Khande Singh as the Governor of the place. Unwant Singh, a Bisen Rajput and a lieutenant of the Governor, killed him and built a fort here, renaming the place as Unnao after himself.

In ancient times the area covered by the present district of Unnao formed part of the region known as Kosala and was later included in the Subha of Awadh or simply Awadh. This tract appears to have seen civilized and settled life since very early times. Finds from and traces of ancient remains at several places in the district are however, fairly interesting and testify to the antiquity of those sites. Hiuen Tsang, the famous Chinese pilgrim to India, stayed at Kannauj for 3 months in 636 AD. From here he journeyed a distance of about 26 kms and reached the city of Na-fo-ti-po-ku-lo (Navadevakula) which stood on the eastern bank of Ganga. The city was about 5 km in circumference and had in or about it, a magnificent Deva Temple, several Buddhist Monasteries and Stupas. This place, which is about 3 kms north-west of Bangarmau in Tehsil Safipur, has been identified by some scholars with Nawal and is supposed to represent the site of an important ancient city, believed to have been upturned in the 13th century by the curse of a saint, and still called AundhaKhera or Lautashahr both meaning an upturned city. The dargah of the Muslim saint, whose curse is said to have befallen the city, is not only the oldest Muslim monument at Bangarmau but perhaps, in the entire district. **Size Of District** Unnao district is a part of Central Ganges Plain of the state covering an area of 4558 km². The city is enlisted as a municipality of Kanpur metropolitan area and is the second largest city within the metropolitan area. According to the 2011 census Unnao district has a population of 3,108,367, roughly equal to the nation of Mongolia or the US state of Iowa. This gives it a ranking of 31st populist district in Uttar Pradesh and 112th in India (out of a total of 640). The district has a population density of 682 inhabitants per square kilometre (1,770/sq mi), which is lower than Uttar Pradesh as a whole. Its population growth rate over the decade 2001-2011 was 15.19%. The district's population is 82.9% rural and 17.1% urban as of 2011. Unnao district has a sex ratio of 906 females for every 1,000 males, which is the 30th-highest in the state. It also has a literacy rate of 66.4%, which is the 47th-highest in the state

3 Location

The District is roughly a parallelogram in shape and lies between Latitude 26°8' N & 27°2' N and Longitude 80°3' E & 81°3' E.

River systems and water resources

The Ganga, Kalyani and Sai are the main rivers of the district, the former making its western and southern boundaries and the latter, for the greater part of its course, forming its northern & eastern boundaries. Among the other mainstreams of the district are Kalyani, the Tanai, the Loni and the

Morahi (Naurahi), all tributaries of the Ganga. These rivers generally run dry during the hot weather, but hold water during the greater part of the year and are utilized for irrigation.

Lakes

There is the unusually large number of swamps & lakes of great size and value, particularly in the southern & eastern parts of the district. The larger lakes, which hold water all the year round, are the Kundra Samundar near Jhalotar, the lake near Nawabganj, the wide expanse of water near Kantha and the long chain of lakes in pargana Mauranwan. In Tehsil Safipur, the more important tanks are those at Mawai-Bhari and Kursat and the Harial Tal near Mustafabad. In Tehsil Hasanganj, besides the Kundra Samundar at Mawai, there are the Kulli Bani and Jalesar tanks near Ajgain and the chain of lakes called Basaha, which it seems, partakes of certain characteristics of a stream also, travelling a distance of 96 km in the district and eventually leaving it for district Rae Bareli where it is reckoned as a tributary of the river Sai. In the western part of the Tehsil are the Katgari lake near Asiwan and the stretches of water at Amarpur, Sambha, Sheothana, Marenda&Asakhera, but in its northern and eastern parts, there are only small and very shallow tanks which dry up when rainfall is deficient. In Tehsil Unnao there are no important lakes, but a number of very shallow depressions, which get filled up with water during the rains and yield excellent crop of rice.

In Tehsil Purwa there are many lakes, situated in a well-defined belt stretching along the whole length of the tehsil. The main among them are the lakes at Kantha, Bhadain, Unchagaon, Qila, Akhori, Miri, Zorawarganj and Sarwan. The Barhna tank near Sagauli, the Mohan and Sukrar lakes near Mauranwan, and several others, like the Bharda lake, skirting district Rae Bareli. Besides these, there are the tanks at Sahrawan, the Bhundi tank at Gulariha, and the Kumbha tank at Bhagwantnagar. The lakes at Kantha, Sagauli, and Barela contain water all the year round, while the others generally provide irrigation for the Rabi crops only, drying up in the years of drought. These lakes and tanks abound in fish, and singhara (water chestnut) is very extensively grown in them.

Nawabganj pakshivihar located along NH27 is one of best place to see migratory birds which come from various countries during winter season and it has been included in the list of RAMSAR sites.

- 4 BOUNDARIES** It is bounded on the North by District Hardoi, on the East by District Lucknow, on the South by District Rae Bareli and on the West by the Ganga which separates it from districts of Kanpur & Fatehpur. Unnao district is a part of Central Ganges Plain of the state covering an area of 4558 km².

(a) District Administrative Setup

The District Unnao is divided into 6 Sub divisions and 16 blocks for administrative convenience. A Sub division is headed by the Sub Divisional Magistrate having jurisdiction over his division. A Tahsildar assists in administration in each tehsil and also a block is headed by the Block development officer (BDO). The Sub divisional Offices are a replica of Collectorate in the matter of number of sections and they act as intermediary in the administrative setup

(b) The six Revenue Divisions in Unnao District are

UNNAO

SAFIPUR

HASANGANJ

PURWA

BIGHAPUR

BANGARMAU

The sixteen block Divisions in Unnao District are

ASOHA
 AURAS
 BANGARMAU
 BICHHIYA
 BIGHAPUR
 FATEHPUR CHAURASI
 GANJ MORADABAD
 HASANGANJ
 HILAULI
 MIANGANJ
 NAWABGANJ
 PURWA
 SAFIPUR
 SIKANDARPUR KARAN
 SIKANDARPUR SARAUSI
 SUMERPUR

Municipalities

The district has 19 statutory towns, including 3 [Nagar Palika Parishads](#) (municipal boards) and 15 [Nagar Panchayats](#), as listed below:

Town name	Classification	Tehsil	Population (in 2011)
Ganj Muradabad	Nagar Panchayat	Safipur	10,957
Bangarmau	Nagar Palika Parishad	Safipur	44,204
Fatehpur Chaurasi	Nagar Panchayat	Safipur	6,715
Ugu	Nagar Panchayat	Safipur	6,318
Safipur	Nagar Panchayat	Safipur	25,688
Kursath	Nagar Panchayat	Safipur	6,770
Auras	Nagar Panchayat	Hasanganj	6,466
Hyderabad	Nagar Panchayat	Hasanganj	7,697
Rasulabad	Nagar Panchayat	Hasanganj	7,928
Mohan	Nagar Panchayat	Hasanganj	15,071

Unnao district also has 2 census towns, which are not full municipalities but are otherwise counted as urban areas:

Town name	Classification	Tehsil	Population (in 2011)
<u>Katri Piper Khera</u>	<u>Census Town</u>	Unnao	26,475
<u>MajharaPiparAhatmali</u>	<u>Census Town</u>	Unnao	25,310

5 21 Police Stations in Unnao

ACHALGANJ

AJGAIN

ASIWAN

ASOHA AURAS

BANGARMAU

BARASAGWAR

BEHTA MUJAWAR

BIGHAPUR

BIHAR

DAHI

FATEHPUR CHAURASI

District Environment Plan District-
 GANGAGHAT
 HASANGANJ
 KOTWALI UNNAO
 MAHILA THANA
 MAKHI
 MAURAWAN
 PURWA
 SAFIPUR
 SOHARAMAU

Apart of Tehsil and blocks in Unnao districts has 1 Parliamentary constituency and 6 Assembly constituencies are as follows :-

Parliamentary Constituency Name	Parliamentary Constituency No
Unnao	33
Assembly Constituency Name	Assembly Constituency No
Bangarmau	162
Safipur	163
Mohan	164
Unnao	165
Bhagwant Nagar	166
Purwa	167

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

(i) Solid Waste Management

a. Current status related to solid Waste management

	Urban Local bodies	No of Wards	No of House holds	Population	Solid Waste Generated per day
1	Municipal corporations (Nagar Nigam)				
2	Municipalities (Nagar Palikas)				
	1.Unnao	32	48352	177658	47.97 TPD
	2.Gangaghat	28	26258	131290	40.00 TPD
	3.Bangarmau	25	760	44204	16.67 TPD
	Total	85	822100	353152	104.67 TPD
3	Nagar panchayats (Town area Councils)	166	29004	166179	34.3TPD

	Local Bodies	No of Village panchayats / Blocks	No of House holds	Population	Solid Waste Generated per day
2	Block/Taluk/ MandalTehsils	16	498379	2742836	124248.24
3	Village/Gram Panchayats	1040	498379	2742836	124248.24

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
1.	Segregation		Action Point	Budget Required	Budget Available		
(i)	Segregation of waste at source	Whether segregation at source practiced by households and other waste generators 1. No, not all the household practice the segregation at source. 2. Approx 30% wards have been started practicing the segregation at source.	Action plan to achieves segregation at source Awareness programs, incentives, etc. maybe considered 11. Dustbin distribution for source segregation in wards. 2. ward swachta protsahan samiti in wards. 3- nukkad natak by NGOs and awareness campaigning. 4- Public address system announcement. 5. % waive off user charges for those who have practicing source segregation as Incentive provision. 6. Gram Panchayat	Yes	1-Fund received under the IEC head in SBM and 2- Municipal fund 3-SFC	ULB/Gram Panchayats	TARGET ACHIEVED

District Environment Plan District

teams are

District Environment Plan District-

			continuously working to words achieving 100% segregation at source.				
2	Sweeping		Action Plan				
			Action Point	Budget Required	Budget Available		
(i)	Manual Sweeping	Example: 1. Yes. Manual sweeping done by the all ULB's and gram panchayats	Action plan for Reducing gap 1. there is no GAP	Yes	NA	ULB/Gram Panchayat	TARGET ACHIEVED

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		
		<ul style="list-style-type: none"> - % or length of road not covered for regular sweeping - Gaps in manpower - Gap in availability of sweeping tools/equipment - Availability of suitable PPEs <p>100% roads in every ULB are covered by manual sweeping by Municipal staff. Hence there is no gap.</p>	<p>Including method cleaning, frequency of sweeping etc.</p> <p>1-Every ULB Provides manual sweeping twice a day including commercial areas.</p> <p>2- Night sweeping is also practiced at selected and commercial locations.</p>	No	Municipal fund and SFC	ULB/Gram Panchayat	
		<p>Gaps in manpower</p> <ul style="list-style-type: none"> • No gap in manpower 		c	Municipal fund and SFC	ULB /Gram Panchayats.	

		Gaps in availability of sweeping tools/equipment No gaps	As per the requirement from time to time ULB proposes the requirement in tide grand of 15 th finance commission. While small purchase are made through board fund and SFC.	As per the requirement.c	15 th finance commission tide grant Municipal fund , SFC And SBM Fund	ULB/Gam Panchayat	THERE IS NO GAP IN SWEEPING EQUIPMENT. TARGET ALLREADY ACHIEVED
		Availability of suitable PPEs -All the ULBs sweeping and SWM Staff are equipped with PPE kit.	Whenever requirement arises purchases are made through board fund/ SFC	No	Municipal fund , SFC And SBM Fund	ULB/Gam Panchayat	
		About 100% of sweeping and SMW ULB staff have PPE kit	As per the requirement.	No	Municipal fund , SFC And SBM Fund	ULB/Gam Panchayat	TARGET ACHIEVED

(ii)	Mechanical Road Sweeping & Collection	<p>Gaps if any in achieving targeted area or length of road identified for Mechanical Road Sweeping.</p> <p>1. Presently we do not have mechanical road sweeping facility in ULBs But under 15 th finance commission (tide grant). 02 mechanical road sweeping</p>	<p>Projected growth / intended action plan with timelines</p> <p>1 Field survey is on the way and the DPR will be prepared regarding mechanical sweeping areas identification and there development and procurement for required machinery for the road and areas.</p>	No	15th finance commission tide grant.	ULB/Gam Panchayat	TARGET TO BE ACHIEVED IN DECEMBER 2024
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District Environment Plan District-Unnao

		machines in NPP Unnao and 01 Machine in NPP Gangaghat is under procurement through Gem portal.					
			Action Plan				
3	Waste Collection		Action Point	Budget Required	Budget Available	ULB	
(i)	100% collection of solid waste	Whether 100% collection achieved? Yes 100% achieved	Action plan to improve existing collection City sanitation Plan of the municipal councils are prepared and the desired improvement in waste collection methodology is being incorporated.	No	Municipal fund , SFC And SBM Fund	ULB	TARGET ACHIEVED
(ii)	Arrangement for door to door collection	Arrangement for door to door provided: % of blocks/wards covered Yes 100% D2D collection at ward level	If there is gap, action plan for door to door collection across The district -No gap	No	Municipal fund , SFC And SBM Fund	ULB	TARGET ACHIEVED
(iii)	Waste Collection trolleys with separate compartments	Check availability and adequacy and if it needs Up gradation	Action plan for procurement if required	No	15 th finance commission tide grant/ Municipal fund/ SFC/ SBM Urban Fund	ULB/Gam Panchayat	TARGET ACHIEVED

		An adequate number of trolleys are available with each ULB.	As per the requirement ULBs keep on Purchasing the trolleys and other needed equipments				
(iv)	Mini Collection Trucks with separate compartments	Check if adequate or needs up gradation or not required All ULBs have adequate number of Mini Collection Trucks with separate compartments	[Action plan for procurement if required] As per the requirement of ULB we get it sanctioned under the 15 th finance commission tide grant.	No	15 th finance commission tide grant/ Municipal fund/ SFC/ SBM Urban Fund	ULB & SBM	TARGET ACHIEVED
(v)	Waste Deposition centers (for domestic	Every ULB in the district has identified deposition centers.	Details of existing practice and scope for improvement or 1. 1- Presently waste generated through road sweeping is collected and transported to waste deposition center identified in the ULB. 2-the ULBs in	Yes	15 th finance commission tide grant/ Municipal fund/ SFC/ SBM Urban Fund	ULB	TARGET TO BE ACHIEVED IN JUNE 2023

			Unnao have very high density of population in a geographical boundary so ULB is trying to find out the land for waste deposition centers around the adjacent villages near ULB.				
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S.No.	Action points For villages / blocks/town municipalities /City corporations	Identificatio n of gap	Action Plan			Responsibl e agencies	Timeli ne for comple tion of action plan
			Action Point	Budget Require d	Budget Available		
	hazardous wastes)	Or Any alternate Arrangement. A Dedicated team in ULB is trained to handle the hazardous waste. They are equipped with all needed PPE kit and required safety equipments.	implement adequate system - Training to staff, rag pickers and supervisors are given at frequent intervals to handle the hazardous waste.	NO	15 th finance commissio n tide grant Municipal fund , SFC And SBM FUND	ULB Itself	Target is achieved
4.	Waste Transport						
(i)	Review existing infrastructure for waste Transport.	[Check (i) whether existing fleet is adequate (ii)check whether segregated waste transport possible etc.] Existing vehicle fleet with ULB is adequate for waste transport.	Action plan for short- coming side notified. For speedy transport of waste collection additional vehicles are being purchased through 15 th finance commission tide grant.	No	15 th finance commissio n tide grant Municipal fund , SFC And SBM FUND	ULB	Target to be achieve in June 2023
(ii)	Bulk Waste Trucks	[check adequacy] NA	[action plan for procuremen t if required] NA	NO	NO	NA	NA

(iii)	Waste Transfer points	[check whether available/ adequacy] Adequate number of transfer points are available with each ULB.	[action plan for installation if required] Plan for up gradation of transfer station is under way	No	15 th finance commissio n tide grant	ULB	June 2023
5	Waste Treatment and Disposal	N/A					
			Action Plan			Agencies Responsible	
			Action Point	Budget Required	Budget Available		
(i)	Wet-waste Management :On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Whether number of bulk waste generator side notified for installation NA	Action for getting on site composting plants commissione d NA	NA	NA	ULB	NA
(ii)	Wet-waste Management: Facility (ies) force natural Bio methanation / Composting	Whether facility exists/ functional / need supg radation? 1. At village	If not action plan for developing /up gradation of bio-methanatio	No	Urban developm ent and SWM	ULB/Gram Panchayat	TARGET ACHIVED

	of wet waste.	Netua Gangaghat a SWM plant for composting of wet waste is under construction. cost -516.43 lakh start date-Dec. 2021 and capacity- 50TPD	n or composting facility 1 1-Action plan for machinery purchase is being prepared 2-By December 2021 one composting pit will be formed per			
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District Environment Plan District-

			gram sabha.				
(iii)	Dry-Waste Management Material Recovery for dry-waste fraction	18 MRF facility center for all 18 ULB is complete(civil construction) . 7 MRF facilities are fully functional. Rest ULB MRFs will become Operational within next 02 week.	Field assessment is being done to explore the need of additional MRF to handle the dry waste generated in the city.	NO	SBM URBAN fund	ULB	NA

(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Does the agency still disposing waste in dumpsites? Whether sanitary land fill available ? / Plan for constructing sanitary land fill or arrangement with ULBs 1. All the ULB's are disposing inert and non recyclable waste in dump site	Action plan			ULB	June 2023
			Action Point	Budget Required	Budget Available		
			Action plan (i) to construct sanitary landfill If required (ii)Action plan to minimize land filling 1. Preparation of DPR for construction of sanitary landfill in each ULB's is under progress	As per the DPR requirement.	SBM URBAN fund		

District Environment Plan District-

(v)	Remediation of historic /legacy dumpsite	<p>Whether existing old dump site if any required Remediation as per rules?</p> <p>1. -In the district we had 03 legacy dump sites in each ULB. Unnao-47000 ton Approx. Gangaghat-40000 ton Approx.</p>	<p>Action plan for remediation of legacy / historic dumpsite.</p> <p>1. -For remediation at legacy site at Unnao a proposal from ULB was sent to the department (urban development UP) and Government Sanctioned Rs. 2.20 Cr. for the project. Nodal agency C&DS. Started working since March 2022 and presently few days of work is left the entire waste will be remediated.</p> <p>2-For NPP Gangaghat a DPR made by RCUES was submitted to department (urban development UP) and SLTC dated 02-11-2022 approved the DPR with an proposed expenditure of</p>	No	SBM Urban 1.0	ULB	Target to be achieved in December 2024
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			2.27 Cr. for eradication of legacy waste dumpsite at NPP Gangaghat, tendering process is on the way at state level.				
(vi)	Involvement of NGOs	Whether involvement of NGO envisaged NGOs are involved at ULB level to promote SBM Objective in the society. People from the NGOs and the society are named as brand ambassadors.	NGOs can be involved for management of solid waste campaign NGOs And society people are encouraged to participate in each promotional and motivational activities as per the SBM objectives.	Yes	Municipal Fund.	ULB	Regular Activity
(vii)	EPR of Producers : Linkage with Producers /Brand Owners	As per rules producers and brand-owners should facilitate in collection of packaging waste NA	Action plan for linkage of all producers/brand owners or their PROs for collection of plastic waste NA	Yes	NA	NA	NA
(viii)	Authorization of Waste Pickers	Yes/No There is no Gap	List of authorized waste pickers should be available 1.Continuous field survey is done by the ULB to Identify the waste pickers 2. Notification for authorization of all waste pickers is already being done and there authorization is in Progress .	No	Municipal Fund	ULB	NA

District Environment Plan District-

(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes/No There is no Gap	If not prepared action plan for preparation of by-laws which	Yes	NA		TARGET ACHIEVED
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[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 table. If required budgetary requirement and provisions may also be mentioned]

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

	Urban Local bodies	Estimated quantity of Plastic Waste Generated per day
1	Municipal corporations(Nagar Nigam or Mahanagar Palika)	
2	Municipalities(Nagar Palikas)	6.6328 TPD
3	Nagar panchayats (Town area Councils)	2.744 TPD

	Local Bodies	Plastic Waste Generated per day
2	Block/Taluk/ Mandal Tehsils	10
3	Village/Gram Panchayats	84

(b) Identification of gaps and Action plan:

S.No.	Action points For village panchayats/blocks /municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Door to Door collection of dry waste including PW	[100%]/[partial %]/ [not initiated] 1. Yes 100% in all ULBs 2. Door to door collection of dry waste including PW is being partially done in village level.	If not 100 %,action plan for door to door collection of SW -NA	No	SFC and Municipal Fund	ULB/Gram panchayat	1. Target achieved for ULBs. 2. For gram panchayats it will be achieved Till June 2023
2.	Facilitate organized collection of PW at Waste transfer point or Material	This infrastructure is linked to SW management. May check gaps with respect to:	Within the district out line specific plans for Each village panchayat /block/municipality/ Nagar panchayat	Yes	NA	Identify agencies at local and district level to implement And monitor	1-Target achieved for ULBs. 2-For gram panchayats it will be achieved Till June 2023
		MRFs are constructed for Collection of plastic waste.	Preparation of specific action plan for plastic waste for each ULB's is under progress	Yes	SFC & Municipal Fund	ULB/Gram Panchayat	TARGET TIME TO FOR COMPLIANCE IN 2023

S.No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identificatio n of gap	Action plan			Agencies Responsible	Target time for Complianc e
			Action Point	Budget Required	Budget Available		
	Recovery Facility	<ul style="list-style-type: none"> ● Availability of transfer points and material recovery facility ● Involvement of informal sector /NGO. ● Registerin g waste pickers ● Linkage with PW recyclers ● Involvemen t of producers and brand-owners 	/ Corporations for plastic waste collection	No	Municipal Fund	Progress respectively	TARGET TIME TO FOR COMPLIANCE IN 2023

3.	PW collection Centres	<p>Local Bodies may set-up own centres and also involve producer sand brand-owners or their PROs to facilitate setting up of collection centers.</p> <p>Because of low generation of PW separate collection in each ULB is not needed and PW would be sent directly to MRF centre</p>	<p>Plastic waste collection centre should be established in adequate numbers. Coordination with State Urban Department may be necessary</p> <ul style="list-style-type: none"> ● Linkage with PW recyclers is being explored 	No	NA	ULB	-
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4.	Awareness and education programs implementation	Review existing gaps in creating awareness among public for minimizing and recycling PW	Education through mass media, schools, Producer / brand owner campaigns and other channels	Yes	SBM Urban and Municipal fund		
			1. "Swachh Watawaran Protsahan Samiti" are functional in each ward and awareness campaigns are being continuously run through them. 2. At village level, awareness is being generated through wall painting, drama, magic shows.			ULB/Gram panchayat	TARGET ACHIEVED

5.	Access to Plastic Waste Disposal Facilities	Check if District has access to PW recycling /utilization or disposal facilities.. ULBs at Unnao has access to PW recycling facilities in Kanpur nagar nigam but currently they are not able to accept PW from Unnao because of over burdening.	Check if PW recycling facilities available at reasonable distance; Channel for sending PW Collected to cement plants for processing; Availability of waste plastic oil producing facilities; Link age with PWD for usage of PW in road making. Action plan at district should involve Urban and Rural Local bodies 1. PW collected by the ULBs in Unnao is being planned to be sent to Cement factory Raebarielly for its disposal 2. Involvement of third party (Private	No	NA	ADM/ (Nodal ULB)	Target to be achieved in December 2024
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			agency) is being considered for sending PW for recycling.				
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[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)	8.204 TPD
Does the District has access to C&D waste recycling facility?	NO

b. Identification of gap sand 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.	<p>Check gaps w.r.t :</p> <ul style="list-style-type: none"> - Separate collection point of C&D Waste - Identification of common C&D waste deposition points <p>1. Separate collection point for C&D waste is not needed as the amount generated is quite small.</p> <p>2. Separate deposition point is not needed as majority of waste is consumed at the site.</p>	<p>Action plan for every local body in district. District may identify common C&D waste deposition points.</p> <p>-Every ULB is identifying a suitable place for Storing the C & D waste.</p>	No	Municipal board and SFC	ULB	Regularly
2.	Whether local authority have fixed user fee on C&D waste Introduced permission system for month?	<p>Check gaps with respect to:</p> <ul style="list-style-type: none"> - Local by-laws to pay user fee - Implementation of a - System to permit bulk generators (>20tons in one day or 300 tons per project) 	<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.</p> <p>1. By lodge for C&D waste management is available with ULB and dedicated vehicle for C&D waste collection is under procurement through 15 th finance commission (Tractor and Loader Trolley).</p>	No	15 th finance commission tide grant.	ULB	<p>Not Applicable</p> <p>This point has to be related to be related to ULB generating more than 20 TPR or More</p>

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3.	C&D recycling Facility	<p>Check whether district has any C&D waste recycling facility</p> <p>C&D waste recycling facility is not needed as the amount generated is quite small & the amount is being already consumed in various construction work</p>	<p>Action plan for setting up C&D recycling facility in the District or tie-up with any other district or ULB for setting up common facilities. Plan should ensure viable operation of C&D plant including assured market For C&D products.</p> <p>-</p>	No	15 th finance commission on tide grant and SBM urban fund	ULB	TARGET ACHIEVED
4.	Usage of recycled C&D waste in non-structural concrete, paving	<p>Is there any policy on usage or promotion on usage of C&D waste?</p> <p>1. C&D waste is already being used in construction activities.</p>	100%	No	15 th finance commission on tide grant SBM urban fund.	ULB	TARGET ACHIEVED
5.	ICE on C&D waste management	<p>Is there any sustained system of creating awareness created among local communities?</p> <p>Yes</p>	<p>Action plan for awareness and education</p> <p>- Local communities are being instructed and made aware regarding management of C&D waste</p>	No	SBM URBAN Fund	ULB	TARGET ACHIEVED

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[Action plan for C&D waste management should cover all village panchayats /blocks/ town municipalities / City corporations. Action plan need not be prepared in Tabular form as above, however all the components mentioned should be addressed for overall C&D waste management.

Action plan may dwell upon other relevant action points not mentioned in above template. If required budget any requirement and provisions may also be mentioned]

2.0

(iv) Biomedical Waste Management

a. Current Status related to biomedical waste

Inventory of BMW in the District	Quantity
Total no. of Bedded Health care Facilities	191
Total no. Of non-bedded HCF	77
No. of HCF authorized by SPCBs/PCCs	191 (113 Private and 78 Government)
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	0
Capacity of CBWTFs	Not Applicable
No. of Deep burials for BMW if any	56 (at PHC)
Quantity of biomedical waste generated per day	400.0 Kg
Quantity of biomedical waste treated per day	400.0 Kg

b. Identification of gaps and Action plan:

S. No.	Action points	Gaps	Action Plan			Responsible agency	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
1.	Inventory and Identification of Healthcare Facilities	Already completed	No action required	NA	NA	Health Department	Completed
2.	Adequacy of facilities of treat bio medical waste	There is no gap between generation and treatments of bio medical waste	No action required	NA	NA	Health Department	Completed
3	Tracking of BMW	No barcode system is implemented in HCF only QR code is being used	Implementation of barcode system is in process in govt. HCF by state help society. For private hospital letter for buying barcode generator	10 Lacs demanded in PIP fund but not received	0	Health Department/ Veterinary Department /UPPCB	December 2023

			and reader has to be issued				
4	Awareness and education of healthcare staff	Awareness education is already being given by health department the last awareness program was done on 22-11-2022	No action required	5 Lacs demanded but budget not received. 50000 allotted for training / workshop by DM Unnao under Environmental Awareness fund which is planned in last week of December	0	Health Department	Completed
5	Adequacy of funds	No separate fund for bio medical waste management is available at PHC level	Demand for budget allocation for PHC specifically for BMW management	15 Lacs for PHC budget not received	84.34 Lacs budget available only for district level Hospital and CHC. No Budget for PHC till time at 56 PHC BMW is managed through deep burying pit.	Health Department/UPPCB	December 2023 -56 PHC
6	Compliance to Rules by HCF sand CBWTFs	District Monitoring committee has been formed	Members specifically from health department for monitoring BMW has to be nominated	NA	NA	Health Department	Completed
7	District Level Monitoring Committee	District Monitoring committee has been formed	The meeting of District Level Monitoring committee is organized	NA	NA	Health Department	Achieved

			dated 23/12/2019				
8	Waste water treatment ETP like Model for Lab- 1% hypochloride solution is being used, water collection held for half an hour than released.	There are two (2) ETP facilities is available at HCFs	Calculation of estimated cost and budget demand for govt. hospital has to be sent to state and private hospital letter has to be sent	45 Lacs for CHC for ETP but Budget not recieved	9.5 Lacs available only for District Hospital for ETP agency selected but work not started. Reminder latter has been issued to agency	Health Department/UPPCB	December 2023

[SPCBs/PCCs are the prescribed authority to ensure implementation of BMW Management Rules, 2016. However, Rules also provides mandates to health department to monitor compliance. Hence Action plan for BMW waste management should cover access to biomedical waste management in entire geographical area of the district village panchayats/ blocks/ town municipalities / City corporations. Action plan need not be prepared in Tabular form. SPCBs/PCC should be part of action plan. Action plan may dwell upon other relevant action points not mentioned in above template. If required budgetary requirement for government HCFs may also be mentioned]

(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) Act174, Air (P&CP) Act1981 and E(P) Act,1986 and the Rules. 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 Quantity	109
of HW in the district (i)Quantity of	20726.205 MTA
Incinerable HW	0 (Incinerable waste is not generated in district-Unnao)
(ii)Quantity of land-fillable HW (iii)Quantity of	20443.37 MTA
Recyclable/ utilizable HW	282.835 MTA
No of captive/common TSDF	Captive facility – 0 Common TSDF
Contaminated Sites or probable Contaminated sites	– 01 2 (Probable Contaminated Sites were identified by CPCB)

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	Budget Available		
			Required		
1.	Regulation of industries	SPCBs/PCBs and facilities generating Hazardous	SPCB/PCC should ensure that all hazardous waste industries	NA NA	ardous waste industries

UPPCB

Completed

Completed

2

•

Establishment
of
collection
centers

Check district has collection centers for hazardous wastes with linkage to common

Tanneries

O

**f Unnao Districts
are all linked to**

NA

NA

UPPCB

Completed

TSDFs /recyclers.

Yes

TSDF

located
in

Unnao.

Rest

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member

ship with

TSDf

of Kanpur.	
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[illegible]

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3.	Training of workers involved in handling/recycling/ disposal of HW	Identify facilities / Industries engaged in recycling / pre-processing /disposal of hazardous waste in the district. Already identified.	Training organized by TSDF (M/s industrial infrastructure services,India) Ltd. LTP Banthar Unnao and 11 workers have been trained. Already being done.	NA	NA	Department of Industry/UPPCB	Completed
4.	Availability/Linkage with common TSDF or disposal facility	Check if the generators of HW have access to common TSDF in the State? Yes. They have excess.	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. All HW generating industries are already link to TSDF.	NA	NA	UPPCB	Completed
5.	Contaminated Sites	Are there any sites where soils /sediments/ ground water contaminated due to dumping of industrial wastes NO	Action plan Contaminated site etc. and to remediate Contaminated sites. UPPCB officials are continuously monitoring HW generating industries. In case of any such site identified in future, action will be taken as per law.			UPPCB	--

[SPCBs/PCCs is the prescribed authority to ensure implementation of Hazardous and Other (Management, Handling and Transboundary Movement) Rules, 2016. Rules also mandates department of industries to ensure training to workers involved in recycling and handling of hazardous wastes. Action plan for HW waste management should cover HW inventory in the district, check whether rules are implemented effectively, as systems for monitoring compliance needs to be in place.

Action planned not be prepared in Tabular form. SPCBs/PCC should be part of action plan. Action plan may dwell up on other relevant action points not mentioned in above template.]

(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	Currently there is no established electrical/electronic equipment manufacturers, E-waste dismantlers, recyclers and refurbishers in district-Unnao
Collection centers established by ULBs in the District	In process.
Collection centers established by Producers or their PROs	In process.
No authorized E-Waste recyclers /Dismantler	Presently there is no authorized E-waste dismantlers, recyclers and refurbisher registered in district-Unnao

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	Check whether SPCB/PCC has completed inventory of E-Waste in the District. Inventory of bulk waste generators There are no	Completion of inventory Not applicable	NA	NA	UPPCB	Completed

		bulk waste generators in District Unnao.					
2	E-Waste collection points	Availability of E-Waste collection points / call centers / kiosks in villages - Blocks//towns / cities Establishment of collection points needs to be done by ULBs	Identification /registering E-Waste collection centers in association with Producers - their PROs or Recyclers A team under each ULB will be established for identifying collection center point for E-waste.	NA	NA	ULBs	December 2023
3	Linkage among Stakeholders to channelize E-Waste	Check whether District administration has information on collection centre established by Producers / PROs? Administration should also identify authorized E-Waste recyclers in the district or in State to channelize E-waste collected in District. E-waste recyclers have been identified in district Kanpur among neighboring Districts and all the collected E-waste will be sent to those recyclers.	An awareness campaign will be run by ULBs among public to make them aware regarding collection center established in the district so that E-waste generated by them can be collected. All the ULBs will be connected to E-waste recycler in Kanpur and other neighboring districts so that E-waste collected can be sent for recycling. An inventory of collection center and E-waste recyclers will be maintained by Regional Office, UPPCB, Unnao for proper monitoring and implementation.	NA	NA	ULBs /UPPCB/ ADM/ (Nodal ULB)	December 2023

4	Regulation of Illegal E-Waste recycling /dismantling	Prevalence of informal trading, dismantling, and recycling of E-waste is in District No such agencies have been identified so far.	Action plan in coordination with SPCBs/PCCs and District Administration to check this activity. A joint committee along-with District Administration, UPPCB officials will be formed to develop a mechanism to identify prevalent informal trading etc. If any.	NA	NA	ULBs /UPPCB/ ADM/ (Nodal ULB)	December 2023
5	Integration of informal sector	Whether mechanism exists for bringing informal sector into main stream in collection and recycling of E-Waste No	Evolve mechanism by involving producers /PROs. Requisite mechanism will be finalized with the help of UPPCB, ULBs & district administration.	NA	NA	ULBs /UPPCB/ ADM/ (Nodal ULB)	December 2023
6	Awareness and education	Are there any programs at district level for awareness about E-waste management? No	Plan special workshops and awareness campaigns through Producers/PROs It will be done in future.	NA	NA	ULBs /UPPCB/Producers	December 2023

[CPCB is the prescribed authority to grant Extended Producer Authorisation to various Producers of Electrical and Electronic Equipment being placed on market. Targets for collection of their E-Waste are given to each Producer. Every Producer 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. Action plan for E-Waste management should cover the aspects of inventory, collection centers for e-waste channelization, linkage with Producers of their PROs, linkage with recyclers, information of bulk waste generators and effective EPR verification by SPCBs. Action plan need not be prepared in Tabular form. SPCBs/PCC should be part of action plan. Action plan may dwell upon other relevant action points not mentioned in above template.]

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.	No
- Operated by SPCB / State Govt. / Central govt./PSU agency:	0
- Operated by Industry:	0
Number of manual monitoring Station operated by SPCBs	2
Name of towns/cities which are failing to comply with national ambient air quality stations	Nil
No of air pollution industries	118
Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln]/ [Industrial Estate]/[Others](Multiple selection)	[Hotspots of air pollution] Large Industry-12 Medium and Small-(23+83)=106 Unpaved Roads Burning of Waste Stubble Brick kiln-260 Industrial Estate/Areas Traffic cognition

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?	Carry out inventory of air pollutionsources in District including hotspots or areas of concern pertaining to air pollution in association With SPCBs/PCCs may Air Pollution Sources has already been identified	NA	NA	UPPCB	Completed
2.	Ambient Air quality data?	Plan to get access to available air quality monitoring stations in the District operated by both Public and private Agencies. Access to air quality monitoring station is already established.	NA	NA	UPPCB	Completed

3	Setting up of Continuous Ambient Air Quality Monitoring Station	<p>Like weather station, District may also have ambient air quality Monitoring at major urban Settlements or populated areas. Action plan may Propose setting up at least One CAAQMS in District. Also access data generated by CAAQM stations installed by other pvt/public agencies. District authority association with local Office of SPCB/PCC should Also ensure that at least One manual Air Quality monitoring station available in each city. [District admin may set-up its own network CAAQMS or manual stations] Setting of CAAQM station is not completed. UPPCB officials along-with District Administration are in process of making DPR and sending the demand for funds to State Govt.</p>	0.50 Crore	NA		
4.	District Level Action Plan for Air Pollution	<p>Action plan should be prepared for both improvement of existing air quality as well as for non-attainment days to national ambient air quality standards.</p> <p>District level action plan for air pollution is in the process and is in preliminary stage.</p>	NA	NA	UPPCB/ Concern Urban Local Body (ULB)	June 2023

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5.	Hotspots of air pollution in District	Hotspot with respect to air pollution (such as stubble burning, illegal waste burning, unauthorized operations, cluster activities, forest fires etc.)should be identified and localized action plan for mitigation of the same should be prepared	NA	NA	ULBs/ Agriculture Department / Forest department UPPCB/ Transport Department /District Supply	March 2023
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		Major hot spot with respect to air pollution has already been identified and communicated to concerned agencies. Localized action plan for mitigation is being prepared by concerned agencies.			Officer/ ADM/ (Nodal ULB)	
6.	Awareness on Air Quality	Plan for dissemination of information on local air quality in towns and cities located in District. May consider developing Mobile App / Online portal for dissemination of air quality as well as to take complaints on local Air Pollution. U.P. Environmental compliance portal is already in place for the dissemination of complaints regarding Air Pollution and other related area. Each ULB is preparing its action plan for awareness with respect to Air Pollution.	NA	NA	UPPCB/ULBs/ ADM/ (Nodal ULB)	March 2023

[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. Action plans prepared for 100+non-attainment cities under NCAP project initiated by MoEF & CC may be referred for drawing district action plan. Action plan need not be prepared in Tabular form. SPCBs/PCC may be part of action plan for control of industrial air pollution. Action plan may dwell upon other relevant action points which are not mentioned in above template.]

Water Quality Management

Water Quality Monitoring

a. Current Status related to Water Quality Management

Details of Data Requirement	Present Status
Rivers	River Ganga River Sai
Length of Coast line (if any)	No
Nalas/Drains/Creeks meeting Rivers	A) NPP Unnao 1. City Jail Drain B) NPP Shuklaganj 1. Railway Bridge Drain 2. Manohar Nagar – 1&2 Drain 3. Ganga Vishnu Drain 4. Indira Nagar Drain 5. Ravidas Nagar Drain 6. Sri Nagar Drain
Lakes/Ponds	Data not available
Total Quantity of sewage from towns and cities in District	60.25 MLD
Quantity of industrial wastewater	In Loni Drain approximate-4.256 MLD In City Jail Drain approximate-5.258 MLD Total industrial waste water – 9.514 MLD
Percentage of untreated sewage	100 %
Details of bore wells and number of permissions given for extraction of groundwater	No of borewell – 128744 Permission given -23
Ground water polluted areas if any	Total Habitations in District 4355 Identified Habitations in District 1455
Polluted river stretches if any	Not identified

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>An environmental monitoring cell shall maintain data of all water bodies (rivers / canals /natural drains / creeks /estuaries / groundwater /ponds / lakes / etc.) in district including its water quality</p> <p>1- By survey of water bodies conducted by SAC Ahmedabad with collaboration with state remote sensing application centers, inventory of wetlands greater than 2.25 hec. has been found for each district and available on upecp portal. For Unnao total 937 nos. of wetlands have been identified which are grater than 2.25 hec.</p> <p>2- Other than above mentioned wetlands no. of separate inventory is in place. Regional office UPPCB along with ULBs are working to prepare a comprehensive inventory.</p>	3600.00 Lacs (For renovation of approximate 300 ponds which are greater than 1 hect. but less than 5 hect.	-	Irrigation Department/ Ground Water Department/ ULBs	June 2023
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Note:- (i) Pond less than 1hect. will be taken MNREGA
(ii) Pond greater than 1 hect. but less than 5 hect. will be taken by Minor Irrigation Department.
(iii) Pond greater than 5 hect. will be taken by Irrigation Department.

2.	Quality of water bodies in the district	<p>Check availability of data on water bodies. Create a district level monitoring cell for periodic monitoring of water bodies for specific parameters in association With SPCBs.</p> <p>1. A district level monitoring cell including representation from regional office UPPCB, irrigation and ground water department, ULB's. It is also necessary to disseminate information pertaining to water quality in the form of hoardings on river banks, official websites, etc.</p>	NA	NA	Irrigation Department/ ULBs/ Panchayati Raj Department/ UPPCB	Regularly in a month
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3.	Hotspots	<p>Check trends of water quality and identify hotspot of surface water and ground water. Establish a system or separate cell to monitor water quality. Implementation points for restoration of water quality in Association with SPCBs and department of environment.</p> <p>1. To check the water quality trends a join team comprising officers from irrigation dept, jal nigam, ground water department and regional office UPPCB will be formed which will also look after restoration of water quality.</p> <p>2. 02 probable contaminated site (Shiv nagar, Magarwara Industrial area, Kewta Talab) have been identified by CPCB.</p>	15 Lacs	15 Lacs	ULBs/ UP Jal Nigam/ Ground Water Department/ UPPCBs	– Presently there were no collection/dump of any hazardous waste over there rather full fledged human settlement with fixed and pakka houses constructed
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4.	Protection of river/lake water front	Action plan should be prepared for control river side open defecation, dumping of Solid waste on river banks, for idol Immersion etc. 1. Prevention of river side open defecation, dumping of solid waste on river banks etc is already being monitored by ULBs along with other concerned departments.	N A	NA	ULBs/ Panchayati Raj Department/ Irrigation Department	Target achieved
5.	Inventory of sources of water pollution	Check whether inventory of all sewage and waste water discharge points in to water bodies in the district. Action plan to complete inventory. <ul style="list-style-type: none">In progress	15 MLD STP at Unnao STP		UPPCB/ Jal shakti department.	March 2023
		Work Cost- 4695.24 lacs O&M cost for 15 Yrs- 5524.51 Lacs Total cost 10219.75 Lacs	Work Cost- 4695.24 lacs O&M cost for 15 Yrs- 5524.51 Lacs Total cost 10219.75 Lacs			
		05 MLD STP at Shuklaganj NPP				
		Work Cost- 2782.73 Lacs O&M cost for 15 Yrs-3735.46 Lacs Total cost- 6518.19 Lacs	Work Cost- 2782.73 Lacs O&M cost for 15 Yrs- 3735.46 Lacs Total cost- 6518.19 Lacs			

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				9 Lacs		
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6.	Oil spill disaster management (for coastal districts)	Whether district oil spill crisis management group and District Oil Spill Disaster Contingency Plan have been created? If not, create District Oil Spill Crisis Management Group and District Oil Spill Disaster Contingency Plan for the District.	-----	-----	-----	----
7.	Protection of flood plains	Check whether the regulation for protection of flood plain encroachment? Action plan should be prepared for protection Flood planned prevention of encroachment. <ul style="list-style-type: none"> For protection of flood plain, creation of no development zone and regulatory zone is being done by grouting of pillars around flood plain area. Out of 1433 pillars 876 pillars have been grouted. 	NA	NA	Irrigation Department/ Concern Urban Local Body (ULB)	January 2023
8.	Rejuvenation of ground water	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. <ul style="list-style-type: none"> An action plan for the rejuvenation of ground water is being prepared by ground water department. 	23515.00 Lacs (For appro. 4703 govt. /Semi. govt. Building which are without RTRWT)	Nil	Ground Water Department/State Ground Water Authority	March 2023
S. No.	Action points	Gaps and Action Plan			Responsible agency	Timeli ne for compl etion of action plan
		Action Point	Budget Required	Budget Available		

9.	Complaints redressal system	Check whether there is any complaint redressing system based on Mobile App/ Online, is available? If not, a complaint redressing system based on Mobile App/Online should be available at District level. <ul style="list-style-type: none">• A portal called “Niveshmitra” is in place for the complaints redressal.	Nil	Nil	Ground Water Department/ ULBs/UP Jal Nigam	-
Note:- For complaint redressal system a portal has been developed by groundwater department.						

4.2 Domestic Sewage

a. Identification of gaps and action plan for treatment of domestic sewage

Details of Data Requirement	Present Status
No of Class-II towns and above	Unnao (1)
No of Class-I towns and above	-
No of Towns STPs installed	02 Nos. STPs under construction namely – 15 MLD at NPP Unnao and 05 MLD at Shuklaganj.
No of Towns needing STPs	Not identified.
No of ULBs having partial under ground Sewerage network	Work under execution in zone- 1 of NPP Unnao under AMRUT. Total length of sewerage network proposed- 17.83 km.
No of towns not having sewerage network	NA
Total Quantity of Sewage generated in District From Class II cities and above	60.25 MLD.
Quantity of treated sewage flowing into Rivers (directly or indirectly)	NA
Quantity of untreated or partially treated sewage (directly or indirectly)	60.25 MLD.
Quantity of sewage flowing into lakes	NA
Total available Treatment Capacity	1MLD

b. Identification of gap 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 (STPs)	Check whether Existing capacity of STPs are adequate for treatment of sewage? If no, action plan for additional treatment capacity required should be prepared in association with ULBs /department of UD. 1. Under Namami Gange scheme to STP, one with 15 MLD capacity in Nagar Palika Unnao and one with 5 MLD capacity in Shuklaganj is under construction.	15 MLD STP at Unnao STP		Jal nigam Department (Rural)	JUNE 2023
			Work Cost- 4695.24 lacs O&M cost for 15 Yrs- 5524.51 Lacs Total cost 10219.75 Lacs	Work Cost- 4695.24 lacs O&M cost for 15 Yrs- 5524.51 Lacs Total cost 10219.75 Lacs		
			05 MLD STP at Shuklaganj NPP			
			Work Cost- 2782.73 lacs O&M cost for 15 Yrs- 3735.46 Lacs Total cost- 6518.19 Lacs	Work Cost- 2782.73 lacs O&M cost for 15 Yrs- 3735.46 Lacs Total cost- 6518.19 Lacs		
2.	Underground sewerage network	Check available Sewerage network and prepare Action plan for laying of sewerage network in town and cities. The project may be executed through ULBs and Department			Jal nigam Department (Rural)	June 2023

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Of UD.

2. Under Amrit scheme Unnao sewerage program phase 1 is under construction in Nagar palika parishad Unnao which will be of 17.83 km.
3. A detailed action plan is under process for coverage of entire city via sewerage network.

[update](#)

[Action plan for installing new /up-grading sewage treatment and laying of sewerage network is the mandate of local bodies, being cost intensive action points, the district administration may draw action points in consultation with ULBs and Urban development department. Action plan need not be prepared in Tabular form. ULBs, SPCBs/PCC and UDD may be part of action plan for collection and treatment of sewage. Action plan may also dwell upon other relevant action points which are not mentioned in above template.]

Industrial waste water management

a. Current Status related to Industrial Waste water Management

Number of Red, Orange, Green and White industries in the District	Nos .of Red Industries-116 Nos. of Orange Industries-527(Industry-267& Brick kiln-260) Nos. of Green Industries-195 Nos. of White Industries-01
No of Industries discharging Waste water	85(discharge based-61, Zero discharge based-24)
Total Quantity of industrial waste water generated	15.739 MLD
Quantity of treated industrial waste water discharged into Nalas/ Rivers	ZLD-3.96 MLD; Discharge-11.778 MLD
Common Effluent Treatment Facilities	02
No of Industries meeting Standards	85
No of Industries not meeting discharge Standards	0

b. Identification of gaps and action plan for industrial waste water:

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline For completion of action plan
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		Action Point	Budget Required	Budget Available		
1.	Compliance to	Identify gaps w.r.t industries not Meeting the standards. Necessary action be initiated through SPCBs against the industries not	NA	NA	UPPCB/ Concern Urban Local Body (ULB)	Completed

	discharge norms by Industries	meeting the standards. Compliance of standard with respect to industrial waste is being continuously monitored by UPPCB				
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2.	Complaint redressal system	Check if the raise 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. Complaints are being lodged in UPPCB and cognizance of such complaints is taken by UPPCB officials and Concern Urban Local Body (ULB). A twitter account named @ro unnao. in is in place where in complaints sent by public/agencies are being entertained and resolved.	NA	NA	UPPCB/ Concern Urban Local Body (ULB)	--
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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	Name of mines – list may be enclosed] [Sand Mining] / [Iron Ore] / [Bauxite] / [Coal] / Other [specify]
No of licenced Mining operations in the District	01 No.
% Area covered under mining in the District	0.0068%
Area of Sand Mining	0.314Sqkm
Area of sand Mining	[River bed]

b. Identification of gaps and action plan:

S. No.	Action points	Gaps and Action Plan			Responsible agency	Timeline for completion
		Action point	Budget Required	Budget Available		of actionplan

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	Not Applicable	Not Applicable	MINE DPT	As per mining plan for proper supervision by district mining officers.
2.	Inventory of illegal mining if any mining	Action plan to identify illegal sand and other mining activity in the District through surveillance, patrolling and enforcement. District Level task Force may be constituted for control of illegal mining activity	Not Applicable	Not Applicable	MINE DPT	District level task force constitute by District Magistrate.
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	MINE DPT	As per mining plan

Noise Pollution Management plan

a. Current Status related to Noise Pollution Management

Details of Data Requirement	Measurable Out come
No. of noise measuring devices available with various agencies in district	Regional Office, U.P. Pollution Control Board, Unnao No of portable noise measuring Devices-02

b. Identification of gaps and action plan:

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

1.	Availability of Sound/ Noise Level Meters.	<p>Need to check whether a concerned agency that is ULBs, SHOs, Traffic police and SPCB/PCC have noise level meters. District administration may ensure through an action plan that concerned agencies and environmental cell under ADM/ (Nodal ULB) have Adequate number of portable noise level meters.</p> <ul style="list-style-type: none"> ● 02 Portable sound level monitoring device is available. ● No portable sound level monitoring device is available with traffic Police. Police department insure procurement of such device in coming month 	NA	NA	ULBs/SHO/ Traffic Police/UPPCB/ ADM/ (Nodal ULB)	June 2023
2.	Ambient Sound Level	<p>ULBs shall ensure that ambient sound levels comply with notified standards for residential, sensitive zones. An action. A part from portable analyzers, fixed ambient noise level monitoring stations may be installed in major cities and towns, such stations may be installed a by ULBs and SPCB/PCC,</p> <p>1. A detailed project regarding establishment of fix ambient noise level monitoring station is being prepared and soon will be sent to state Govt. for fund allocation.</p> <p>2. Traffic police in association with RO UPPCB has installed portable noise monitoring devices near hospitals, schools, at Purwa mod, Lucknow bypass etc to monitor and control noise pollution.</p>	20 Lacs	Nil	ULBs/UPPCB/ ADM/ (Nodal ULB)	June 2023
3.	Sign boards in Noise zones	<p>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.</p> <p>1. An action plan is being prepared for installation of sign board in noise sensitive area.</p>	5 Lacs	Nil	UPPCB/Traffic Department/ ADM/ (Nodal ULB)	December 2023
4.	Complaint redressing system	<p>Action plan may envisage implementing a public complaint redressal system for noise pollution. Such application may be used by SHOs, Traffic police ULBs and SPCBs in the District.</p> <p>1. In process</p> <p>2. By traffic police department, a complaint box is installed outside police than as an outside traffic police office wherein public can place their complaints. In such complaints police under takes action under IPC section 290, 291 which have provision of fine rs. 200 or imprisonment of 6 months.</p>	NA	NA	SHO/Traffic Police/ULBs/UP PCB	December 2023

District Environment Plan ~~District~~
[District administration may ensure that concerned agencies responsible for control of noise

District Environment Plan ~~District~~
pollution are equipped with adequate number of noise level meters. There should be a system to monitor ambient sound level stone sure that national ambient noise standards are complied with. Action plan may be implemented through responsible agencies namely SHOs, Traffic police ULBs and SPCBs. Action plan need not be prepared in Tabular form. Action plan may also dwell upon other relevant action points which are not mentioned in above template.]
