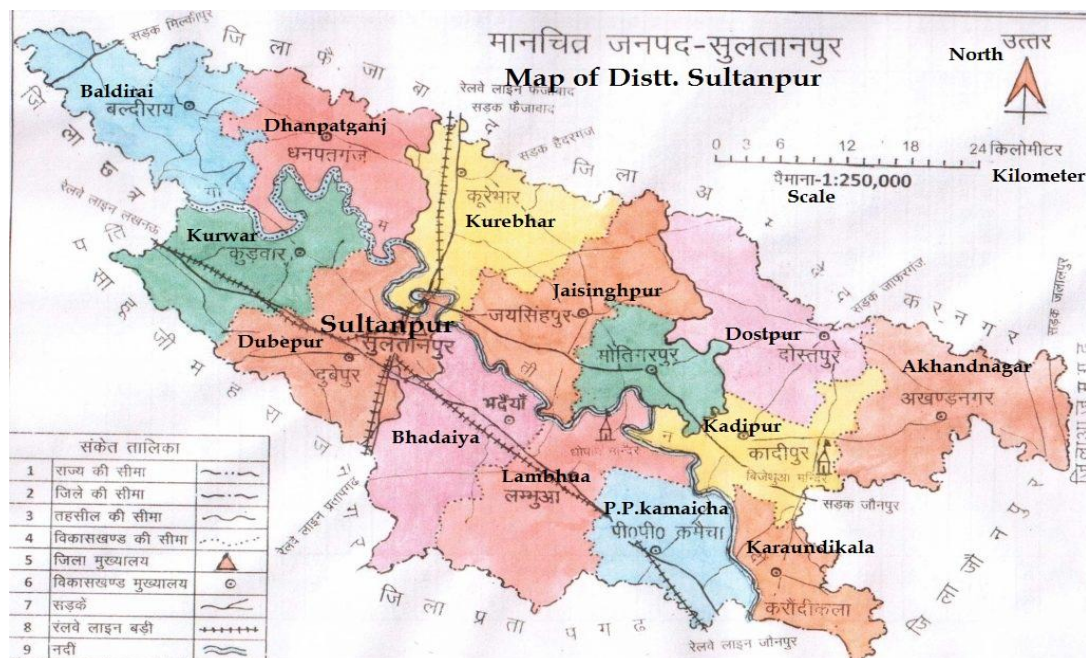


## DISTRICT ENVIRONMENT PLAN FOR SULTANPUR, UTTAR PRADESH



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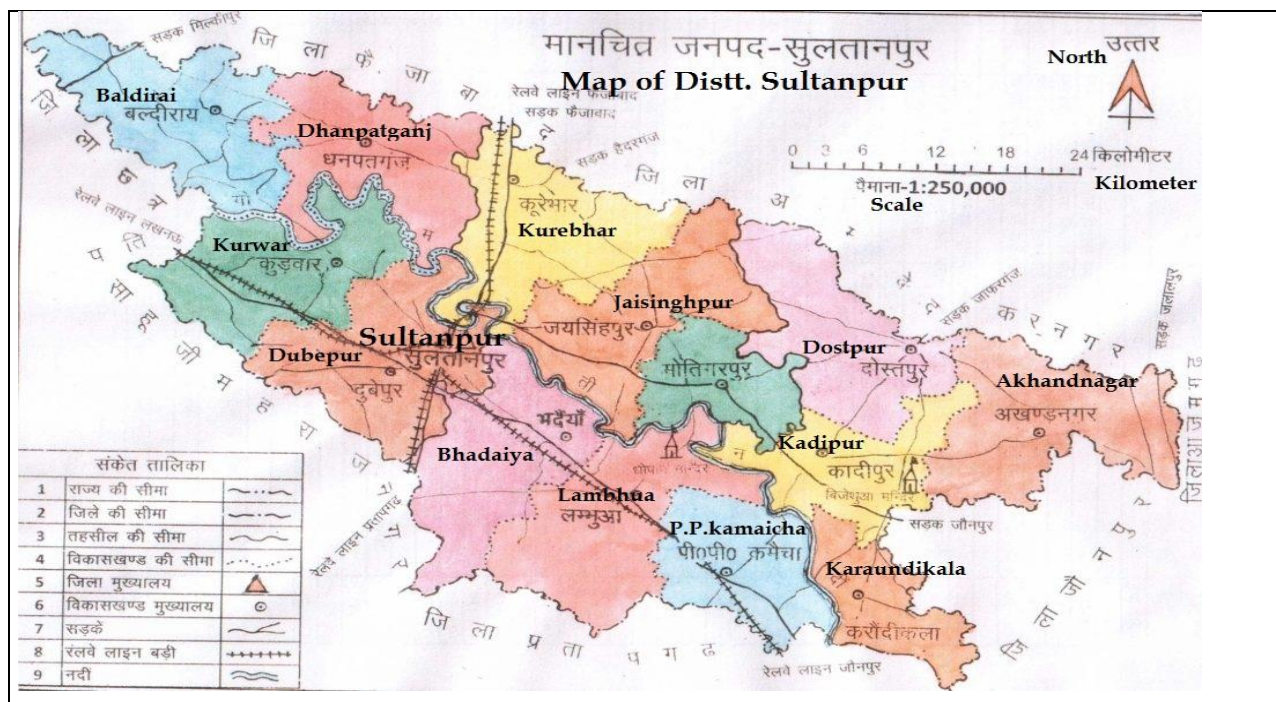
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## 1.0 District Profile

**Sultanpur** is an agrarian district of the eastern-plain zone of U.P. It lies between 81°32' and 82°41' E longitude and 25°59' and 26°40' N latitude with geographical area of 2672.89 sq. km. It is a city situated at the bank of holy river Gomati in Uttar Pradesh state. It is the administrative headquarter of the district and a part of **Faizabad (Ayodhya) division** in Uttar Pradesh, India. This district is divided into **5** sub divisions, **14 blocks** and **113 Nyaya panchayats** comprising of **979 Gram panchayats**.

### a. District Administrative Set-up

Administratively, the district is divided into five major **tehsils** namely **Sultanpur, Baldirai, Jaisinghpur, Kadipur and Lambhua**. These five tehsils are further divided into **14 blocks** viz. Dubeypur, Kudwar ,some part of Kurebhar, (under Sultanpur tehsil), Baldirai, Dhanpatganj , some part of Kudwar (under Baldirai tehsil), Jaisinghpur, some part of Kurebhar, Motigerpur and Dosthpur (under Jaisinghpur tehsil), Kadipur, Akhandnagar, Karundikal, some part of Motigerpur, Dostpur (Under Kadipur Tehsil), Lambhua, P.P.Kamicha and Bhadinya (under Lambhua tehsil) . Electorally, the whole district comes under the Sultanpur Lok Sabha seat while there are **five assembly constituencies** in the district.



**Fig 1.1: Sultanpur district Map**

There are a total of **1750** revenue villages in the district. In total, 979 gram panchayats, **one municipality** and **four Nagar Panchayats** are formed. The name of the **municipality** is **Sultanpur** and the name of four **Nagar Panchayats** are— **Dostpur, Kadipur, Koirepur and Lambhua**. Municipality and Nagar Panchayats are headed by the Adhishashi Adhikari.

### **Functions of District Magistrate / Collector**

The Deputy Commissioner is responsible for the maintenance of law and order in the district. He is the head of criminal administration and supervises all Executive Magistrates in the district and controls and directs the actions of the police. He has supervisory powers over the administration of jails and lock-ups in the district. Besides his above-mentioned duties as Deputy Commissioner, District Collector, and District Magistrate, he plays an important role as Deputy Custodian, under the **Displaced Persons (Compensation and Rehabilitation) Act, 1954**. In this capacity his duties are: revision against the orders of Tehsildars and Officer-in-Charge(Rural), regarding allotment of land and houses in rural areas; revision against the orders of the District Rent Officer, regarding allotment of houses and shops in urban areas and disposal of cases received from the Assistant Custodian (Judicial) regarding evacuee property. The position of Deputy Commissioner as head of the district administration has become one of expanding responsibilities. As he is the executive head of the civil administration, all departments in the district, which otherwise have their own officers, look to him for guidance and co-ordination. He plays an important role in the administration of municipal committees, market committees, panchayats, panchayat samitis, community development blocks and the zila parishad, which came into existence with the decentralization of authority and expansion of the Panchayati Raj. He is also responsible for the execution of rural development schemes. Besides, he is responsible as District Election Officer, for the peaceful and orderly conduct of all elections held in the district from time to time. For elections to Lok Sabha constituency/ constituencies of his district, he functions as Returning Officer. He renders active help during the decennial census. He controls and regulates the distribution of scarce essential commodities, etc. He keeps liaison with military authorities in his jurisdiction and is the competent authority for requisition of land for military purposes. In any matter of public importance which does not fall specifically in the sphere of any government department, State or Central, he, as a general administrator, is required to take cognizance of the matter in public interest and take it to its logical conclusion with the help of some Government department or by processing the matter in his own office. In short, there is nothing of importance which takes place in the district with which he is not associated, directly or indirectly.

## **b. Local Institutions**

There is one Government Engineering College namely **Kamla Nehru Institute of Technology** under Abdul Kalam Technical University (**A.K.T.U**), U.P. Sultanpur district has so many degree and Intermediate Colleges. One medical College is proposed in the district.

## **c. Natural Resources**

▪ **Water bodies:** The present research study was focused to evaluate the physico-chemical quality of Gomati river water at district Sultanpur (U.P.). The water samples were collected from **three** selected sampling stations viz. **Dhobighat (S-I), Shamshan Ghat (S-II) and Paparghat (S-III)** which were further analyzed for **temperature, color, turbidity, pH, total hardness, total dissolved solids, and alkalinity, free ammonia, sulphate, chloride, dissolved oxygen, B.O.D., C.O.D. and free CO<sub>2</sub>** between April, 2010 to March 2011. The water quality was declined due to bathing, washing, domestic, municipal and industrial waste from various areas of town which directly or indirectly affects the biotic community of the river. The mean value (+ SD) of all physico-chemical parameters, mentioned above were observed.

### ▪ **Availability of water resources**

As per report on dynamic ground water resource of Sultanpur district as on 31.03.2004, the annual ground water recharge of the district is 171308.51 hams; the net annual ground water availability is 15794853 hams. The existing gross ground water draft for all uses is 114934.09 hams. The net ground water availability for future irrigation development is 38784.67 hams. The stage of ground water development is 72.77%. As per the estimates worked out all the blocks of the district is in 'safe' category.

▪ **Forest coverage** - As per Forest Survey of India Report, 2017, forest coverage is only 3.67 percent of total geographic area of Sultanpur district. According to Champion and Seth Classification system, forest type present in the district mainly consists of 5B/C-2 Northern Dry Mixed Deciduous Forest. Plantation under various schemes is being done by forest department and other department to improve tree and forest cover. The area of reserve forest is 637.2586 hectares.

## **d. Geography & Demography**

Sultanpur is a city situated at the bank of holy river Gomati in the Indian state, Uttar Pradesh. It is the administrative headquarter of Sultanpur district and is a part of Faizabad (Ayodhya) division in Uttar Pradesh India. The district Sultanpur is surrounded by distt. Ayodhya in north, Pratapgarh in south,



Jaunpur in east and district Amethi in west side. Holy river Gomati flows in the district, dividing it nearly in two equal parts. The climate of the district is warm and temperate. The average annual rainfall in the district is 1000 mm. The average annual temperature is 25.3°C (77.6°F). It has a total population of 2431491 as per the Census **2011** out of which 1226649 are **males** while 1204842 are **females**. In 2011 there were a total of 391307 families residing in Sultanpur district. The average sex ratio of Sultanpur district is 982. The average literacy rate in urban areas is 75.7% while that in the rural areas is 66.2%. Also, the sex ratio of urban areas in Sultanpur district is 905 while that of rural areas is 901. While the child sex ratio of Sultanpur is 907 which is greater than average sex ratio (901) of the district.

#### **e. Land-use pattern**

The land of Sultanpur is much fertile which makes agricultural usage of land as a modest use. The census of 2011 highlights the following features of land use pattern:

<b>S.No.</b>	<b>Particulars (Sultanpur)</b>	<b>(in 1000.0 Hec)</b>
1.	Total Geographic area	227.20
2.	Forest	0.6378
3.	Cultivable area	292.197
4.	Non-Agricultural Use	41.430
5.	Cultivable Waste land	11.795
6.	Current Fallow	14.487
7.	Other Fallow	7.923
8.	Barren & uncultivable land	7.888
9.	Pastures	1.180

#### **f. Climate**

The average annual rainfall is 1005.1 mm. The climate is sub-humid and is characterized by a hot summer and a pleasant cold season. About 89% of rainfall takes place from June to September. During monsoon, surplus water is available for deep percolation to ground water. **May**, is generally the hottest month with mean daily maximum at 41<sup>0</sup> C, the mean daily minimum at 26<sup>0</sup> C and maximum temperature reaches up to 48<sup>0</sup> C. With the advance of the monsoon by mid- June there is appreciable drop in the day temperature but the night continues to be warm. January is usually the coldest month with the mean daily maximum temperature at 22.4<sup>0</sup> C and mean daily minimum at 8.8<sup>0</sup> C. The mean monthly maximum temperature is 32.4<sup>0</sup> C and mean monthly minimum temperature is 19<sup>0</sup>C. The potential evapo-transpiration is 1519.7 mm <sup>0</sup>C. The relative humidity is high during the southwest

monsoon season. After withdrawal of the monsoon, humidity decreases and by summer which is driest part of the year, the mean monthly maximum relative humidity is 65% and mean monthly minimum relative humidity is 51%. Wind is generally light to moderate with some strength during later part of summer and monsoon season. The mean wind velocity in Sultanpur is 2.7 m/s with the maximum wind speed of around 9 m/s.

## **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**

S.No.	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated per day
1.	Municipal corporations (Nagar Nigam or Mahanagar Palika)	-	-	-	-
2.	Municipalities (Nagar Palika)	25	20448	107640 (As Per census 2011)	27.49 MT
3.	Nagar Panchayats (Town area Councils)	41	6094	39,448	12.50 MT

#### **Solid Waste Management for Rural Local Bodies**

S.No	Local bodies	No. of village panchayats/blocks	No. of households	Population	Solid waste generated /day (kg)	Solid waste generated/ day( ton)
1	Block/ Taluk /Mandel Tahsil	14	373659	2679789	584194.00	5841.94
2	Village Gram Panchyat	979	373659	2679789	584194.00	5841.94

#### **Plastic Waste Management for Rural Local Bodies**

S.No.	Local bodies	No. of village panchayats/block	No. of households	Population	Solid waste generated / day(kg)	Solid waste generated/ day(ton)
1	Block/ Taluk /Mandel Tahsil	14	373659	2679789	7235.43	72.35
2	Village Gram Panchyat	979	373659	2679789	7235.43	72.35



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

S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan			Responsible agencies	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
1	<b>Segregation</b>						
(i)	Segregation of waste at source	Whether segregation at source practiced by households and other waste generators.	Action plan to achieve segregation at source.  Awareness programme ,incentives etc. may be considered.	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad, (NPP), Sultanpur	<ul style="list-style-type: none"> <li>• Door to door waste collection is now practiced in all 25 wards</li> <li>• Segregation work: No third party involvement necessary for the segregation work MRF needs to be made functional.</li> <li>• I.E.C. activities under SBM-U to be performed to aware the house hold members about segregation and involvement.</li> </ul>
2	<b>Sweeping</b>						
(i)	Manual Sweeping  update such information	Regular sweeping • % or length of road not regular sweeping • Gaps in manpower • Gap in availability of sweeping tools/equipment • Availability of suitable PPEs	Action plan for reducing gap.  Including method cleaning frequency of sweeping etc.	Not required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad ,Sultanpur	Comply (road sweeping done by manual method)

(ii)	Mechanical Road Sweeping & Collection	Gaps if any in achieving targeted area or length of road identified for mechanical road sweeping.	Projected growth / intended action plan with timelines	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	Mechanical Road sweeper available in NPP but during the sweeping excessive dust generated due to which manual sweeping preferred
<b>3</b>	<b>Waste Collection</b>						
(i)	100% collection of solid waste	Whether 100% collection achieved?	Action plan to improve existing collection	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad, Sultanpur	100% collection of solid waste
(ii)	Arrangement for door to door collection	Arrangement for door to door provided % of blocks/wants covered <i>update such information</i>	If there is gap, action plan for door to door collection across the district	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad, Sultanpur	<b>Comply</b>
(iii)	Waste Collection trolleys with separate compartments	Check availability and adequacy and if needs up gradation	Action plan for procurement if required	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad sultanpur	<b>Trolleys need up-gradation &amp; segregation of waste at household level. Need to be started for compliance.</b> <i>Please provide number of trolleys etc</i>
(iv)	Mini Collection Trucks with separate compartments	Check if adequate or needs up gradation or not required	Action plan for procurement if required	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad, Sultanpur	Tata Ace available to collect dry & wet waste and up gradation needed
(v)	Waste Deposition centers (for domestic hazardous wastes)	Number of deposition centers required and Nos. available or any alternate arrangement	Details existing practice and scope for improvement or implement adequate system	<b>-</b> <i>Provide budget</i>	<b>-</b>	Nagar Palika Parishad sultanpur	<b>MRF Constructed; ongoing</b>  <i>Timeline for completion</i>

<b>4.</b>	<b>Waste Transport</b>						
(i)	Review existing infrastructure for waste Transport.	(i) Whether existing fleet is adequate (ii) Check whether segregated waste transport possible, etc.	Action plan for short comings identified	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	Comply but needs up-gradation
(ii)	Bulk Waste Trucks	Check adequacy	Action plan for procurement if required	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	Comply
(iii)	Waste Transfer points	Check whether available / adequacy	Action plan for installation if required	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	All transfer points are situated in open spaces. closed spaces needed.

<b>5</b>	<b>Waste Treatment &amp; Disposal</b>						
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Whether number of bulk waste generators identified for installation	Action for getting on-site composting plants commissioned	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	Notices for the compliances of the same are already issued to be bulk waste generator are not processing their wet & dry waste at source .Again issuing them final notice for the compliance
(ii)	Wet-waste Management: Facility (ies) for central Biomethanation / Composting of wet waste.	Whether facility exists/ functional/ needs up gradation?	If not, action plan for developing/ up - gradation of bio-methanation or composting facility	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	<b>MRF centre operational</b>

(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Whether MRF facility exists?/ Is there any arrangement to send the dry – waste to any common MRF or sent to waste to energy plant or % dry waste converted as RDF or need to set up own waste to energy plant?	Action Plan for use of dry segregated waste in MRF operation	Not required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	<b>One MRF center (Transport Nagar) constructed and another (Saurmau dumping area) MRF centre construction work will be completed upto December 2022 months and will be operational after the same.</b> <a href="#">update timeline</a>
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Does the agency still disposing waste is dumpsites? Whether sanitary land fill available / plan for constructing sanitary land filler arrangement with ULBS	Action plan (i) to construct sanitary land fill ,if required (ii)action plan to minimize land filling	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	Normal land- filling done and dressing of collected waste done time to time.
(v)	Remediation of historic / legacy dumpsite	Whether existing old dump site if any required remediation as per rules?	Action plan for remediation of legacy/ historic dumpsite	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	Legacy waste treatment done by dressing and mud capping (done in March-April 2021)
(vi)	Involvement of NGOs	Whether involvement of NGOs envisaged	NGO can be involved for management and solid waste campaign	Not required	Not applicable	Nagar Palika Parishad Sultanpur	ULB being self Engaged for I.E.C. activities to enhance solid waste campaign in the wards. Regular activity.

(vii)	EPR of Producers: Linkage with Producers / Brand Owners	As per rules, producers and brand -- owners should facilities in collection of packaging waste	Action Plan for linkage of all producer / brand owners or their PROs for collection of plastic waste	Not required	Not applicable	Nagar Palika Parishad sultanpur	On-going
(viii)	Authorization of Waste Pickers	Yes/No	List of authorized waste pickers should be available	Not Required	Not applicable	Nagar Palika Parishad Sultanpur	On-going
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes/No	If not prepared, action plan for preparation of by laws	Not Required	Not Applicable	Nagar Palika Parishad Sultanpur	On-going ( Palika board acceptance required, will put again in next board meeting)

## **(ii) Plastic waste Management**

### **(a) Current status related to Plastic waste management:**

<b>S.No.</b>	<b>Urban Local bodies</b>	<b>Estimated quantity of Plastic Waste generated per day</b>
1	Municipal corporations (Nagar Nigam or Maha nagar Palika)	-
2	Municipalities (Nagar Palikas)	0.65 ton/day
3	Nagar panchayats (Town area Councils)	<b>0.55 ton/day</b>

<b>S.N.</b>	<b>Local Bodies</b>	<b>Plastic Waste Generated per day</b>
<b>1.</b>	NPP, Sultanpur	0.65ton/day

**(b) Identification of gaps and Action plan:**

S.No.	Action points for village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Door-to-Door collection of dry waste including PW	100% / (partial ) ( not initiated)	If not 100%, action plan for door-to-door collection of S.W.	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	<p>Door- to-Door waste collection is now practiced in all 25 wards.</p> <p>Segregation work not started, third party involvement necessary for the same at source and for this, MRF needs to be made functional.</p> <p>I.E.C. activities under SBM-U to be performed to aware the household members about segregation and involvement.</p>

2.	Facilitate organized collection of PW at waste transfer point or Material Recovery Facility	This infrastructure is linked to SW management. May check gaps with respect to: <ul style="list-style-type: none"> <li>• Availability of transfer points and material recovery.</li> <li>• Involvement of informal sector / NGO</li> <li>• Registering waste pickers</li> <li>• Linkage with PW recyclers</li> <li>• Involvement of producers and brands-owners</li> </ul>	Within the district online specific plans for each village panchayat/ block/ municipality/ Nagar Panchyat Corporation for plastic waste collection	Not Required	Budget available under 15 <sup>th</sup> finance commission	Identify agencies at local and district level to implement and monitor Progress respectively	NPP, Sultanpur conducts the regular check to prohibit the uses of single use plastics, polythene and other prohibited material
3.	PW collection Centres	Local bodies may set up own centers and also involved producers and brand owners or their PROs to facilitate setting up of collection centers.	Plastic waste collection center should be established in adequate numbers.  Coordination with State Urban Department may be necessary.	Not Required	Budget available under 15 <sup>th</sup> finance commission	ULB	On -going
4.	Awareness and education programs implementation	Review existing gaps in creating awareness among public for	Education through mass media, school producer/ brand owner	Not Required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad, Sultanpur	On-going



		minimizing and recycling PW.	campaigns and others channels				
5.	Access to Plastic Waste Disposal Facilities	Check of District has access to PW recycling/ Utilization or disposal facilities	Check if PW recycling/ facilities available at reasonable distance; Channel for sending PW collected to cements plants for processing; Availability of waste plastic oil producing facilities ; Linkage with PWD for uses of PW in road making . Action plan at district should involve Urban and Local bodies	-	-	Nagar Palika Parishad ,Sultanpur	All collected material sent to Nagar Nigam Ayodhya , from there it is sent to ACC cement factory and used to produce energy. Regular work.

### (iii) C & D Waste Management

#### a.) Current status related to C & D Waste

Details of Data Required	Present status
Total C & D waste generation in MT per day (As per data from Municipal Corporations / Municipalities)	1.4 Ton/Day
Does the district have access of C&D waste recycling facility?	Collected C & D waste used for road filling

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

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Arrangement for separate collection	Check gaps w.r.t: 1.)Separate collection point of C&D waste	Action plan for every local body in district. District may identify	Not required	Budget available	Nagar Palika	On-Going

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		
	of C&D waste C&D waste deposition point.	2.)Identification of common C&D waste deposition point	common C&D waste deposition point		under 15 <sup>th</sup> finance commission	Parishad ,Sultanpur	
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?	Check gaps with respect to: <ul style="list-style-type: none"> <li>Local bye laws to pay user fee</li> <li>Implementation of a system to permit bulk generators (.20 tons in one day or 300 tons per project)</li> </ul>	Common by laws may be implemented in district local C&D waste management plan can be integrated to develop common collection and recycling facilities	Not required	Not applicable	Nagar Palika Parishad Sultanpur	On- going
3.	C&D recycling Facility	Not Available	As per norms and regulations	Not required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	Collected waste use for road filling (Regular)
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Used by private parties under the operation of construction work	As per norms and regulations	Not required	Not applicable	Nagar Palika Parishad Sultanpur	On-going.
5.	IEC on C & D waste management	Through hoardings, wall painting and posters	More awareness at the developing areas and zones under heavy construction	Not required	Budget available under 15 <sup>th</sup> finance commission	Nagar Palika Parishad Sultanpur	On- going

#### (iv) Bio-medical Waste Management

##### a. Current Status related to bio-medical waste

<u>Inventory of BMW in the District</u>	<u>Quantity</u>
Total no. of Bedded Healthcare Facilities	Government - 61, Private-78
Total no. of non-bedded HCF	Nil
No. of HCFs authorized by SPCBs/PCCs	61 and 78
No of Common Biomedical Waste Treatment and disposal Facilities (CBWTFs)	139
Capacity of CBWTFs	1086 kg/day
No. of Deep burials for BMW, if any	59
Quantity of biomedical waste generated per day	1086 kg/day.
Quantity of biomedical waste treated per day	1086 kg/day.

##### b) Identification of Gaps and Action Plan

S.No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Inventory and Identification of Healthcare Facilities	Check whether all HCFs including, clinics, hospitals, veterinary hospitals, Aayush hospitals, animal houses, etc generating biomedical waste area identified and authorized by SPCBs/PCCs	Action plan for completing / updating inventory and authorization HCFs by SPCBs/ PCCs	Not applicable	Not applicable	Royal Pollution Control Services, Chandpur, Saidopatti, Sultanpur	<b>Certificates are issued to all the nursing homes/hospital / pathology established in the district by the firm nominated by the government which are inspected time to-time. On-going.</b>

S.No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
2	Adequacy of facilities to treat biomedical waste	Check if there is any gap between Quantity of Biomedical Waste generated per day and quantity of Biomedical Waste treated and disposed in the district?  In case of no access to CBWTFs, adequacy of existing disposal of BMW	Action plan for setting-up CBWTF or providing access to CBWTF within 75Km from places waste generation including identification of site for setting up such facility. Action plan for management of BMW through captive facilities in case of no access to CBWTF.	Not applicable	Not applicable	Royal Pollution Control Services, Chandpur, Saidpatti, Sultanpur	December 2022
3	Tracking of BMW	Check whether bar code system is implemented by all HCFs and CBWTFs?	Plan implementation of bar-code system by all HCFs and CBWTFs in district.	Not applicable	Not applicable	No	Planning in future  Provide timeline
4	Awareness and Education of healthcare staff	Whether training has been organized for all stakeholders?	Action plan for awareness programs and training to healthcare staff and ULB officials	Not applicable	Not applicable	Yes	In process of implementation
5	Adequacy of funds	Whether adequate funds is allocated to Government health care facilities for bio-medical waste management by State	Action plan for ensuring adequate funds to Government health care facilities for bio-medical waste management	160 lacs	133.24 lacs	Yes	-

S.No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
		Govt.?	by. \ State Govt.				
6	Compliance to Rules by HCFs and CBWTFs	Is there any district level mechanism to monitor compliance by Hospitals / HCFs?	Draw action plan to monitor compliance of HCFs and CBWTFs through SPCBs /PCCs.	Not applicable	Not applicable	Yes	December 2022
7	District Level Monitoring Committee	Check whether District Level Monitoring Committee has been constituted and meetings are being organized?	Action plan w.r.t periodicity of reviews and follow- up by DLMC. Identify teams in health department to monitor compliance.Last meeting held on 02.06.2022	Not applicable	Not applicable	Yes	On-going
8	Wastewater Treatment	Check if HCFS are required to install ETPs for waste-water generated.	Action plan for installation of ETPs by HCFs where applicable.	Not applicable	Not applicable	No	In future

## (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, which 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.

<b><u>Details of Data Required</u></b>	<b><u>Present Status</u></b>
No of Industries generating HW	01
Quantity of HW in the district	1.0 MT/Annum
(i) Quantity of Incinerable HW	0.0 MT/Annum
(ii) Quantity of land-fillable HW	0.0 MT/Annum
(iii) Quantity of Recyclable / utilizable HW	1.0 MT/Annum
No of captive/common TSDF	[Nos of integrated TSDF- No Any], [Nos of SLF-No Any ]. [No of Standalone incinerators-No any]
Contaminated Sites or probable contaminated sites	No any

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

<b>S. No.</b>	<b>Action points For village panchayats/ blocks/ municipalities / corporations</b>	<b>Identification of gap</b>	<b>Action plan</b>			<b>Agenci -es Respo ns-ible</b>	<b>Target time for Comp- liance</b>
			<b>Action Point</b>	<b>Budget Required</b>	<b>Budget Available</b>		
1.	Regulation of industries and facilities generating Hazardous Waste	Check whether all hazardous waste industries are identified and authorized by SPCBs / PCCs	All hazardous waste generating industries are authorized by SPCB.	Not applicable	Not applicable	SPCB/PC C	Regular Activity

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
2.	Establishment collection centres	Check whether district has collection centres for hazardous wastes with linkage to common TSDFs / recyclers	Local authority should ensure that adequate number of collection centres should be established and are linked to Common TSDFs.	Not applicable	Not applicable	District administration/ ULBs/SP CB/PCC	December 2022
3.	Training of workers involved in handling / recycling / disposal of HW	Identify facilities/ industries engaged in recycling / pre- processing / disposal of hazardous waste in the district.	Action plan to train the workers on safety aspects through Department of Industries as per Provisions under HOWM Rules, 2016	Not applicable	Not applicable	DIC/SPC B	Regular Activity
4.	Availability / Linkage with common TSDF or disposal facility	Check if the generators of HW have access to common TSDF in the State?	Action plan to ensure all generators are linked to TSDF/ Action plan in case there is no SDF in the district or State – in such case evaluate existing storage and captive disposal facilities through SPCBs/ PCCs	Not applicable	Not applicable	SPCB/P CC	Regular Activity



5.	Contaminated Sites	Is there any site where soil/ sediments /ground water contaminated due to dumping of industrial wastes	Action plan for identification of probable contaminated site, incidents of HW dumping, responsible parties for contaminated site etc.and to remediate contaminated sites	Not applicable	Not applicable	SPCB/P CC	Regular Activity
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## **(vi) E-Waste Management**

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

<b>Details of Data Requirement</b>	<b>Present Status</b>
Inventory of E-Waste in MT/year	<b>Preparation of action plan under process</b>
Collection centers established by ULBs in the District	<b>Preparation of action plan under process</b>
Collection centers established by Producers or their PROs	<b>Preparation of action plan under process</b>
No authorized E-Waste recyclers / Dismantler	<b>Preparation of action plan under process</b>

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

<b>S. No.</b>	<b>Action points For village panchayats/ blocks/ municipalities /corporations</b>	<b>Identification of gap</b>	<b>Action plan</b>			<b>Agencies Responsible</b>	<b>Target time for Compliance</b>
			<b>Action Point</b>	<b>Budget Required</b>	<b>Budget Available</b>		
1.	Inventory / Generation of E-Waste / Bulk-waste generators	Check whether SPCB/PCC has completed inventory of E-Waste in the District. Inventory of bulk waste generators	Completion of inventory	Not applicable	Not applicable	District administration/ ULBs/SPCB	December 2022

S. No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
2.	E-Waste collection points	Availability of E-Waste collection points / call centres / kiosks in villages - Blocks / towns / cities	Identification / registering E-Waste collection centres in association with Producers - their PROs or Recyclers	<b>Budget required</b>  Please provide how much budget req	-	District administration/ ULBs/SPCB	Regular Activity
3.	Linkage among Stakeholders to channelize E-Waste	Check whether District administration has information on collection centres established by Producers / PROs? Administration should also identify authorized E-Waste recyclers in the district or in the state to channelize E-waste collected in district.	Action plan to establish linkages between ULBs / Collection Centres of Producers and PROs / SPCBs / Bulk waste generators / Recyclers / SPCBs / District Administration / Public	Not applicable	Not applicable	UPPCB	<b>December 2022</b>  Update
4	Regulation of Illegal E-Waste recycling / dismantling	Prevalence of informal trading, dismantling, and recycling of E-waste is in District	Action plan in coordination with SPCBs/PCCs and District Administration to check this activity.	Not applicable	Not applicable	District Administration/ULB's / SPCB	Regular Activity
5	Integration of informal sector	Whether mechanism exists for bringing informal sector into main stream in collection and recycling of E-Waste	Evolve mechanism by involving producers / PROs.	Not applicable	Not applicable	District Administration/ULB's / SPCB	Regular Activity

6	Awareness and Education	Are there any programs at district level for awareness about E-Waste management?	Plan special workshops and awareness campaigns through Producers / PROs	<b>Budget required</b>	-	District Administration/ULB's / SPCB	<b>December, 2022</b>
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### 3.0 Air Quality Management

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

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring stations in the district. - Operated by SPCB / State Govt / Central govt./ PSU agency : - Operated by Industry:	00
Number of manual monitoring States operated by SPCBs	00
Name of towns / cities which are failing to comply with national ambient air quality stations	-
No of air pollution industries	01
Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of waste Stubble] / [Brick Kiln] / [Industrial Estate] / [Others]	Large industry, Unpaved Roads, Old Vehicles, etc.

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

S. No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsi-ble	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Identification of prominent air polluting sources?	Carry out inventory of air pollution sources in district including hotspots or areas of concern pertaining to air pollution in association with SPCBs/PCCs	Inventory of air pollution sources in District including areas of concern pertaining to air pollution is Large industry/ small industry/ unpaved roads/ burning of waste stubble / brick Kiln	Not required	-	District Administration/ULBs/ SPCB  Update timeline or completion	December 2022
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.	Data collection from monitoring stations	Not required	-	District Administration/ULBs/ SPCB	December 2022

3.	Setting up of Continuous Ambient Air Quality Monitoring Station	Like weather station, district may also have Ambient air quality monitoring at major urban settlements or populated areas. Action plan may propose setting up at least one CAAQMS in District. Also access data generated by CAAQM stations installed by other pvt/ public agencies. District authority in association with local office of SPCB/PCC should also ensure that at least one manual Air Quality monitoring station is available in each city. [District admin may set-up its own network of CAAQMS or manual stations]	No	Not required	-	District Administration/ULBs/SPCB	6 months after release of fund and acquisition of Land
4.	District Level Action Plan for Air Pollution	Action plan should be prepared for both improvement of existing air quality as well as for non-attainment days to national ambient air quality standards. [Measures may include multi sectoral approach for air pollution controls such as promotion of public transport, use of green fuels, E-mobility, LPG	No	Not required	-	District Administration/ULBs/RTO/SPCB	December 2022

		based cooking, carpeting . MoEFCC may be referred					
5.	Hotspots of air pollution in District	Hotspot with respect to air pollution (such as stubble burning, illegal waste burning, unauthorised operations, cluster activities, forest fires etc.) should be identified and localized action plan for mitigation of the same should be prepared	-	Not required	-	District Administration/ULBs/ Agriculture Dept/RTO/ DFO/ SPCB	December 2022
			Provide data how many hot spots identified in the district				
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.	-	Not required	-	District Administration/ULBs/ SPCB	Swachhh Vayu App developed by UPPCB and Sameer App. by CPCB is already working.

## 4.0 Water Quality Management

### 4.1 Water Quality Monitoring

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

Details of Data Required	Present Status
Rivers	Gomati River ( 138 km)
Length of Coastline (if any)	NA
Nalas/ Drains/Creeks meeting Rivers	214
Lakes / Ponds	Not Identified
Total Quantity of sewage from towns and cities in district	Not Accessed
Quantity of industrial wastewater	-
Percentage of untreated sewage	-
Details of bore wells and number of permissions given for extraction of groundwater	-
Groundwater polluted areas if any	-
Polluted river stretches if any	-

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

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Inventory of water bodies	NA	Not Applicable	Not Applicable	Not Applicable	-	-
2	Quality of water bodies in the district	Nagar Palika/Jal Nigam is being monitored for domestic water bodies for specific parameters.	Not Applicable	Not Applicable	Not Applicable	-	-
3	Hotspots of water contamination	There is no contaminated water body	Not Applicable	Not Applicable	Not Applicable	-	-



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		
4	Protection of river/lake water front	Idol immersion as per CPCB guidelines	Not Applicable	Not Applicable	Not Applicable	-	-
5	Inventory of sources of water pollution	SPCB is monitoring for periodic monitoring of water bodies for specific parameters.	Not Applicable	Not Applicable	Not Applicable	-	-
6	Oil spill disaster management (for coastal districts)	NA	Not Applicable	Not Applicable	Not Applicable	-	-
7	Protection of flood plains	Check whether there is regulation for protection of flood plain encroachment? Action plan should be prepared for protection flood plain and prevention of encroachment.	Not Applicable	Not Applicable	Not Applicable	-	-
8	Rejuvenation of Ground Water	Rain water harvesting plan submitted by UP Ground Water Department	Not Applicable	Not Applicable	Not Applicable	-	-
9	Complaints redressal System	IGRS/Swatch Vayu App is available	Not Applicable	Not Applicable	Not Applicable	-	-

Update all relevant information in all columns

## 4.2 ) Domestic Sewage

Details of Data Requirement	Present Status
No of Class-II towns and above	1
No of Class-I towns and above	-
No of Towns STPs installed	2
No of Towns needing STPs	Not identified
No of ULBs having partial underground sewerage network	1
No of towns not having sewerage network	Not identified

Total Quantity of Sewage generated in District from Class II cities and above	60 MLD
Quantity of treated sewage flowing into Rivers (directly or indirectly]	12 MLD
Quantity of untreated or partially treated sewage (directly or indirectly]	48 MLD
Quantity of sewage flowing into lakes	NA
Total available Treatment Capacity	10 ,5 and 2 MLD

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

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Sewage Treatment	Check whether existing capacity of STPs is adequate for treatment of sewage? If no, action plan for additional treatment capacity required should be prepared in association with ULBs/department of UD.	Action plan for additional treatment capacity	Yes	Yes	UP Jal Nigam, Sultanpur	December 2022
2	Underground	Check available sewerage network and prepare action plan for laying of sewerage network in town and cities. The project may be executed through ULBs and Department of UD.	Laying of sewerage network in town and cities	Yes	Yes	UP Jal Nigam, Sultanpur	December 2022

## 5.0 Industrial wastewater management

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

Number of Red, Orange, Green and White industries in the District	No. of Red industries- 01
No of Industries discharging wastewater	01
Total Quantity of industrial wastewater generated	250 KLD Approx
Quantity of treated industrial wastewater discharged into Nalas / Rivers	250 KLD Approx
Common Effluent Treatment Facilities	0
No of Industries meeting Standards	01
No of Industries not meeting discharge Standards	0
Number of Red, Orange, Green and White industries in the District	No. of Red industries- 01

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

S. No	Action Points	Gaps and Action Plan	Action Plan			Responsible Agency	Timeline for completion of action plan
			Action point	Budget Required	Budget available		
1.	Compliance to discharge norms by industries	Identify gaps w.r.t industries not meeting the standards. Necessary action be initiated through SPCBs against the industries not Meeting the standards.	Endorse and direct industries to meet standards	Not applicable	Not applicable	DIC/ SPCB	Regular Activity

2	Complaint redressal System	Check if there is any complaint redressing system based on Mobile App / Online, is available? If not, a complaint redressing system based on Mobile App / Online portal may be prepared at district level.	-	Not applicable	Not applicable	District Administration/ULB /SPCB	December 2022
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## 6.0 Mining Activity Management plan

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

Details of Data Required	Existing Mining Operation
Type of Mining Activity	In district Sultanpur, the sandy soil present at the river bed of Gomati river is of low quality as a result of mixing process. As per the instructions given in the mandate number 1875/86-2017-57( c )/201, T.C.-1 dated 14/08/2017 ,the normal sand mining areas available in the river bed of Gomati in Sultanpur district, in Katwa, Kudwar, Bhoeyin, Diara, Kadipur Khurd, for the purpose of remission through e-tender and e-auction system , a press release was issued on 08/09/2017, 11/12/2017 and 17/04/2018 ,in which no bid was received within stipulated period. Hence, the mining lease was not sanctioned.
No of licensed Mining operation in the District	00
% Area covered under mining in the District	0%
Area of Sand Mining	00
Area of Sand Mining (River Bed)	River Bed

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

S. No	Action Points	Gaps and Action Plan	Action Plan			Responsible Agency	Timeline for completion of action plan
			Action point	Budget Required	Budget available		
1	Monitoring of Mining activity	A district level task team may be identified to identify mining activity and to monitor status wither respect to environmental compliance	NA	NA	NA	UPPCB and Mining Department	Performed by UPPCB and mining department in compliance with the terms and conditions given in mining activities and environment clearance certificate.
2	Inventory of illegal mining (if any mining)	Identifying 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	NA	NA	NA	District level 7 membered task force, for effective control on illegal mining transport.	A district level task force is built to effectively control the illegal mining/transport by the respected D.M.
3	Environmental 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.	NA	NA	NA	SPCBs/PCC, MoEF & CC	The mining activity in district Sultanpur is running only after issuance of Environment Cleanliness Certificate by the competent authority. In case of any environmental harm, FIRs are being lodged against mining operators.

## 7.0 Noise Pollution Management Plan

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

Details of Data Required	Measurable Outcome
No. of noise measuring devices available with various agencies in district	Regional Office U.P Pollution Control Board, Raebareli , 02 Analyser Available

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

S. No	Action Points	Gaps and Action Plan	Action Plan			Responsible Agency	Timeline for completion of action plan
			Action point	Budget Required	Budget available		
1	Availability of Sound/Noise Level Meters	Need to check whether 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 district administration have adequate number of portable noise level meters.	If not available, availability of noise level meters should be implemented and their working condition should be checked and fixed if required.	Not applicable	Not applicable	District Administration/ULB/RTO	December 2022
2	Ambient Noise level monitoring	ULBs shall ensure that ambient sound levels comply with Notified standards for residential, sensitive zones. An action. apart from portable analyzers, fixed ambient noise level monitoring stations may be installed in major cities and towns, such stations may be installed by ULBs and SPCB / PCC,	Ambient sound level should be fixed and inspected .  Installation of ambient noise level monitoring stations	Budget Required  Provide budget	-	District Administration/ULB/RTO/SPCB	6 months after release of fund and acquisition of Land

*District Environment Plan (Sultanpur)*

3	Signboards in Noise zones	District administration may ensure that adequate number of sign boards installed at sensitive zones in towns / cities in towns and cities. An action plan may be prepared by district authority.	-	Budget Required	-	District Administration/ULB /RTO	December 2022
				Provide how much budget req			
4	Complaint redressing System	Action plan may envisage Implementing a public complaint redressal system for noise pollution. Such application may be used by SHOs, Traffic police ULBs and SPCBs in the district.	Not Required	Not Required	Not Required	District Administration/ULB /RTO/SPC B	December 2022