

District Environment Plan for District Lalitpur

Uttar Pradesh



Collectorate-Lalitpur, District- Lalitpur (U.P.)
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District Profile

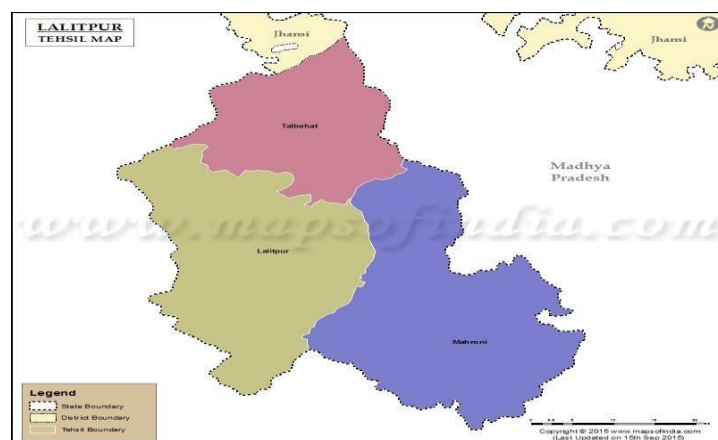
Lalitpur District is one of the 75 districts of Uttar Pradesh state of India. Lalitpur District is a part of Jhansi Division. Lalitpur is the main town and administrative headquarters. The geographical area of the district is 5039 sq. kms. and has a population of 1,221,592 as per the census 2011.

Lalitpur District was formerly part of the state of Chanderi, founded in the 17th century by a Bundela Rajput who was descended from Rudra Pratap of Orchha. Chanderi, along with most of Bundelkhand, came under Maratha hegemony in the 18th century. Daulat Rao Sindhia of neighboring Gwalior annexed Chanderi state in 1811. In 1844, the former state of Chanderi was ceded to the British, and became the Chanderi District of British India, with Lalitpur town as the district headquarters. The British lost the district in the Indian Rebellion of 1857, and it was not reconquered until late 1858. In 1861, the portion of the district west of the Betwa, including Chanderi, was returned to Gwalior, and the remainder was renamed Lalitpur District. Lalitpur District was made part of Jhansi District from 1891 to 1974.

Lalitpur finally carved out as a district in the year 1974 which is not only the heartland but also heart-shaped district of Bundelkhand Region. It is joined to Jhansi District of Uttar Pradesh by a narrow corridor to the northeast, but is otherwise almost completely surrounded by Madhya Pradesh state; to the east lies Tikamgarh District, to the south Sagar District, and to the west Ashoknagar and Shivpuri districts.

Lalitpur district lies between **latitude 24°11' and 25°14' (north) and longitude 78°10' and 79°0' (east)** and is bounded by district Jhansi in the north, districts Sagar and Tikamgarh of Madhya Pradesh state in the east and Ashoknagar district of Madhya Pradesh separated by river Betwa in the west.

a. District Administrative Set-up



Revenue/Administration

Name	Designation	Contact No.
Dr. Adarsh singh	Divisional Commissioner, Jhansi Division	0510-2443313
Mr Alok singh	District Magistrate, Lalitpur	9454417549
Mrs. Diksha Bhandari	Divisional Director, Social forestry Division, lalitpur	8840038113
Mr. Anil kumar pandey	Chief Development Officer, Lalitpur	9454464960
Mr. Nihal Chand	Executive officer, Nagar Palika	8189078190
Mr. Gulshan kumar	ADM (F & R)	9454417620
Dr Santosh kumar Upadhyay	Competent authority of regulated area (SDM Lalitpur)	9454416365

a. Local institutions

Local Bodies	
Nagar Palika Parishad	- 01 (Lalitpur)
Nagar Panchayat	- 03 (Talbehat, Pali, Mehrauni)

S.No.	Tehsil – 05
1	Lalitpur
2	Talbehat
3	Mehrauni
4	Madaawra
5	Pali

S.No.	Block – 06
1	Talbehat
2	Jakhaura
3	Bar
4	Birdha
5	Mehroni
6	Madawra

Panchayat -
No. of Gram Panchayat - 416
No. of Villages - 754

b. Natural Resources

• **Water bodies**

Entire system of drainage of Lalitpur District is a part of Yamuna sub basin of Ganga Basin. The area is mainly drained by River Betwa in the west and by River Jamini in the east. The streams Shahjad and Sajnam are main right bank tributary of Betwa River. These rivers are perennial in nature. The Dhasan River is next important river and flows along a part of eastern boundary. The terrain between Betwa in the west and Dhasan in the east is mainly drained by the Sajnam, Shahjad and Jamini rivers. The western part of the table lands is drained by Narain nadi which flows in the North-Western direction and joins the Betwa. The General flow direction of rivers is towards North to North –East and follows the slope of the area. In general drainage pattern is dendritic to sub-parallel in nature. The main Reservoirs/Water bodies in the area are Shahzad, Sajnam , Gobind , Jamini , Matalila , Utari , Rohini , Bhaunrat and Rajghat.

• **Availability of water resources**

Overall water resources of district Lalitpur listed in below mentioned table with their gross and effective storage capacity.

Name of Dam	River	Gross Storage capacity (MCM)	Effective Storage capacity (MCM)
Rohini	Rohini	12.11	8.29
Sajnam	Sajnam	83.50	74.25
Shahjad	Shahjad	130.00	96.06
Rajghat	Betwa	21720.00	19450.00
Govind Sagar	Shahjad	96.88	50.11
Kachnaudha	Sajnam and Vanai	69.00	54.64

Name of Dam	River	Gross Storage capacity (MCM)	Effective Storage capacity (MCM)
Utaari	Utaari	15.09	10.86
Bhawani	Sajnam	27.30	23.79
Bandai	Bandai	12.59	11.10
Jamraar	Jamraar	22.46	17.55
Bhaunrat	Jamani	45.08	40.55
Lower Rohini	Rohini	12.27	10.09
Matatila	Betwa	-----	1132.68

(Source: Irrigation and Water Resource Department, Uttar Pradesh)

- **Forest coverage**

Total Forest area of Lalitpur is 581.29 sq km which is 11.54% of total land area. From which 128.89 sq km of land belong to moderately dense forest, while open forest covering area is 452.40 sq Km. Out of the total forest 71901.382 hectare land comes under reserved forest and 307.47 hectare belongs to protected forest. District has one wildlife sanctuary Deogarh wildlife sanctuary covering an area of 1362 hectare. District has 2402.6580 hectare of land for compensatory afforestation. There is a decrease (5.71 sq km) in forest cover in comparison to 2017 assessment done by Forest survey of India, Dehradun Uttarakhand. In term of plant diversity district have 82 species of trees, 22 species of shrub, 19 species of climbers, 22 species of grasses, 1 species of bamboo and two species of parasites climbers. According to Champion and Seth classification (1968) district has 8 sub-type of forests namely 5A/C1 b, 5A/C3-5b/C2, 5D/S3-6D-S2, 5e, 5e1/DS, 5e2, 5e5 and 5e9. Kanji(*Pongamia pinnata*), Sagon(*Tectona grandis*), seesham(*Dalbergia sisso*), chilvil(*Holoptelea integrifolia*), Siris(*Albizia Spp*) and Aonla(*Phyllanthus emblica*) are main agroforestry tree species. Forest canopy comprising of tree species such as *Butea monosperma*, *Anogeissus latifolia*, *Acacia catechu*, *Aegle marmelos*, *Syzygium cumini*, *Terminalia spp*, *Madhuca indica* and *Diospyros melenoxlon* etc.

c. **Geography & Demography**

Lalitpur district is located at Latitude 24°11' and 25°17' (North) & Longitude 78°11' and 79°0' (East). The geographical area of the district is 5039 sq. km. Betwa River forms the northern and western boundary of the district and Jamni River, a tributary of the Betwa, forms the eastern boundary, Dhasan River forms the district's southeastern boundary and the southeastern portion of the district lies within its watershed.

- **Topography**

The area is generally rocky. The highest ground is in the extreme south with scraps of the Vindhyan plateau, running from the betwa in southeasterly direction and gradually breaking up into a confined mass of hills, parts of which approach a height of 650 m above mean sea level. The north of the scrap,

undulating plain of black soil interrupted with scattered hills and scoured by numerous drainage channels, stretches from north beyond the town of Lalitpur and gradually becomes rockier. Most of the area is being drained by river Jamni and its tributaries which form its eastern boundary, separating it from Tikamgarh district of Madhya Pradesh. River Betwa forms the western and northern boundary and drains the western part of the district. The south eastern part is partly drained by Dhasan River. In general the slope is towards the north. The slopes are still comparatively more covered with scrub jungles. There is an uneven red soil tract marked by the existence of numerous bare or rocky hills dotted with scrub up to the northern part of Lalitpur and Mehroni tehsils. It is also traversed by long quartz reefs and diversified by lines of rocky hills.

Demography

As per 2011 census, Lalitpur had population of 1,221,592 of which male and female were 641,011 and 580,581. There was a change of 24.94% in the population compared to population as per 2001. District has population density 242 person/Km², sex ratio 906/100, child sex ratio (0-6 age), average literacy 63.52%, male literacy 74.98% and female literacy 50.84%. Out of the total Lalitpur population for 2011 census, 14.36% lives in urban region of district, while 85.64% of Lalitpur population lives in rural area.

Actual Population	12,21,592	Population growth	24.94%
(a) Male	641,011	Area Sq. Km.	5,039
(b)Female	580,581	Density/Km²	242
Average literacy	63.52	Total child population (0-6 Year)	212,205
(a)Male literacy	74.98	(a)Male(0-6 year)	110,745
(b)Female literacy	50.84	(b)Female(0-6 year)	101,460
Literates	641,191	Sex ratio(per 1000)	906
(a)Male	397,586	Child sex ratio(0-6 year)	916
(b)Female	283,605	Child proportion	17.37%

d. Land-use pattern

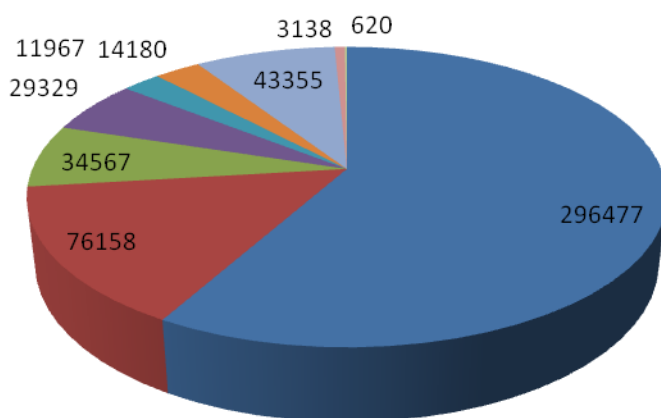
The land is suitable for species of citrus fruit and crops include wheat, pulses, peas, and oilseeds. The region relies heavily on Monsoon the rains for irrigation purposes. Under an ambitious canal project (the Rajghat canal), the government is constructing a network of canals for irrigation in Lalitpur and some part of Madhya Pradesh. The trade in agricultural products (including grain and oilseeds) is of great economic importance. The city is also a centre of brassware manufacture.

In 2006 the Ministry of Panchayati Raj named Lalitpur one of the country's 250 most backward districts (out of a total of 640). It is one of the 34 districts in Uttar Pradesh currently receiving funds from the Backward Regions Grant Fund Programme. The area of the district is plain or rolling with interspersed hills and ridges not exceeding 500m in elevation from ground level. However, the slope is towards north and northeast and is very high. The total area of the district is 5098 Sq km, out of which 76158 hectare fall under forests. Net sown area in the district is 296477 hectare. Thus, the cropping intensity is 178%. Out of the total Area, 2851.84

Sq Km sown during Rabi season. Area sown during Kharif season is 2337 Sq Km. Net irrigated area in the district is 2798 Sq Km. The area under barren uncultivable waste land is 11967 hectare. The area under fallow land is 29329 hectare. The net irrigated area and partially irrigated area along with protective irrigation is only 279873 ha. Gross irrigated area in the district is 283734 ha. Major cropped area remains un-irrigated or totally rain-fed being posing immense challenges in alleviating irrigation resources.

भूमि उपयोगिता (2018-19)
(जनपद-ललितपुर)
कुल प्रतिवेदित क्षेत्रफल -509791 हेक्ट.

- शुद्ध बोया गया क्षेत्रफल (हेक्टे)
- वन
- कृषि योग्य बंजर भूमि
- वर्तमान परती भूमि
- अन्य परती
- उसर व कृषि के अयोग्य भूमि
- कृषि के अतिरिक्त अन्य उपयोग की भूमि
- चारागाह
- उद्धानो बागों वृक्षों एवं झाड़ियों का क्षेत्रफल



Source- District statistical report Lalitpur Uttar Pradesh 2020

Table: Land use classification of Lalitpur, Uttar Pradesh

S. No.	Particulars	Lalitpur
1.	Total Geographic area(,000 ha)	761.60
2.	Forest(,000 ha)	74.611
3.	Cultivable area(,00ha)	296.477
4.	Land non agricultural use(,00 ha)	293.29
5.	Permanent pasture(,00 ha)	31.38
6.	Cultivable wasteland(,00 ha)	345.67
7.	Land under misc use(,00ha)	433.55
8.	Barren and uncultivable land(00ha)	141.80
9.	Current fallows(,00 ha)	119.67
10.	Other fallows(,000 ha)	-
11.	Net sown area(,00 ha)	2964.77
12.	Area sown more than once(,000 ha)	-
13.	Gross cropped area(,000 ha)	3773.48
14.	Crop intensity	About 178%

e. Climate

The climate of the district is the Central India type sub-tropical and may be characterised by a very hot dry summer and cold winter. Like other districts of the Bundelkhand region, this also shows four distinct seasons. Summer being from March to mid-June, Monsoon from mid-June to September, post-monsoonal transition between October and November while the winter months are December to February.

The climate is sub-humid and it is characterized by a hot dry summer and cold winter. The average annual rainfall is 912 mm. About 91% of rainfall takes place for June to September (Monsoon Season). January is the coldest month of the year when the mean daily maximum temperature is 24.10 °C and the mean daily minimum temperature is 9.2°C, May is the hottest month with mean daily maximum temperature is 42.6°C and mean daily minimum temperature is 28.8°C. The mean monthly maximum temperature is 32.6°C and mean minimum temperature is 19.2°C. The mean monthly relative humidity is 41%. In summer season air is very dry and during the monsoon season the moisture content of air is high. Mean wind velocity 4.8 km/h. The potential evapo-transpiration in Lalitpur district is 1603 mm. The region has been affected with meteorological, hydrological and agricultural drought continuously for the past 5 years.

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 (Current)	Solid Waste Generated per day(metric ton)
1	Nagar Palika Parishad - 01				
	Nagar Palika Parishad, Lalitpur	26	27083	159906	71
2	Nagar Panchayats – 03				
	Nagar Panchayat, Talbehat	12	3250	15887	3.96
	Nagar Panchayat, Pali	10	1593	10510	2.62
	Nagar Panchayat, Mehroni	13	2775	19410	4.85

S. No.	Rural local bodies	No of Village panchayat/ blocks	No of Households	Population	Solid Waste Generated per day(metric ton)
1	Talbehat	54	32,286	163460	40865
2	Jakhaura	86	39,785	217475	54368.75
3	Bar	62	29,752	162692	40673
4	Birdha	83	34,100	200994	50248.5
5	Mehroni	66	28,959	153499	38374.75
6	Madawra	65	26,418	148094	37023.5
	Total-06				

b. Identification of gaps and Action plan:

S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan			Responsibilities	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
1	Segregation						
(i)	Segregation of waste at source	60% households are being left due to lack of manpower for segregation of waste at source. ULB require manpower (5 workers for every ward) separately for segregation at source.	Information Education Communication and Capacity Building activities are done at ward level with NGO and Swachh vatavaran samiti for awareness to hand over the waste given by citizens .	78 lakh per annum	At present no budget available in NPP for doing segregation at source.	ULB Self	Due to unavailability of budget cannot give timeline.
2	Sweeping						
(i)	Manual Sweeping	Gaps found in manpower (50) and sweeping tools/equipments/PPE kit	Demand for recruit manpower is in process	75 Lakh	At present time NPP State finance commitment budget is not sufficient so manpower required.	ULB self	Due to unavailability of budget cannot give timeline.
(ii)	Mechanical Road Sweeping & Collection	Mechanical road sweeping is not in practice. There are some wide VIP wide roads where mechanical sweeping required.	All the wider roads of city covered By using road sweeper machine. To meet the gap action plan is being prepared for mechanical road sweeper to concerned authority.	65 lakhs	No budget available for machinery	ULB	Due to unavailability of budget cannot give timeline.
3	Waste						

S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan			Responsibilities	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
	Collection						
(i)	100% collection of solid waste	There is a 25% gap found in collection of solid waste in small streets in the district.	To improve existing Collection we have proposed 26 E-rickshaw for 100% collection in small streets.	4.55 Cr	Not available	ULB	Due to unavailability of budget cannot give timeline.
(ii)	Arrangement for door to door collection	ULB lack of real time monitoring mechanism	Required a Real Time Monitoring Room and GPS tools on all vehicles	95 lakhs	Not available	ULB self	Due to unavailability of budget cannot give timeline.
(iii)	Waste Collection trolleys with separate compartments	There is no gap for that.	ULB,s have already waste collection vehicles compartment .	No	-	ULB self	Completed
(iv)	Mini Collection Trucks with separate compartments	There is no gap for that.	No Required	No	-	ULB self	Completed
(v)	Waste Deposition centres (for domestic hazardous wastes)	Two deposition centers required in ULB boundary.	Development of Waste Collection Centre.	50 Lakh	Not available	ULB	Due to unavailability of budget cannot give timeline.
4.	Waste Transport						
(i)	Review existing infrastructure for waste Transport.	There is no safe infrastructure for waste transport.	We proposed to construct infrastructure for waste transport.	50 Lakh	Not available	ULB	Due to unavailability of budget cannot give timeline.
(ii)	Bulk Waste Trucks	There is no gap for that.	-	-	-	-	-
(iii)	Waste Transferpoints	Two transfer station Required.	We proposed for construct two transfer stations in ULB	150 lakhs	Nil	ULB self	Due to unavailability of budget

S. No .	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan			Responsibilities	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
			boundary.				cannot give timeline.
5	Waste Treatment and Disposal						
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	ULB has been identified bulk waste generators in past conducted survey. There are some bulk waste generators those are not doing on-site composting.	NPP has been notified by laws. and we propose 1 mobile waste on-site composter vehicle.	approx 50 lakh	Not available	ULB	Due to unavailability of budget cannot give timeline.
(ii)	Wet-waste Management: Facilities for central Biomethanation/Composting of wet waste.	At that time there is waste to compost plant construction almost 95% completed. for that ULB required related machinery	After completion of construction process ulb will be able to propose machinery facility.	4.5 cr approx		ULB	Due to unavailability of budget cannot give timeline.
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Material Recovery for dry-waste fraction we require some storage containers and plastic product making machine.	Some necessary MRF machinery (weighing machine, conveyor belt, fatka machine, shredder machine, compres machine) has been in under tendering process.	41 Lakh	16.97 Lakh	Self ULB	Due to unavailability of budget cannot give timeline.
(iv)	Disposal of inert and non-recyclable wastes: Sanitary	There is no sanitary landfill in ulb.	ULB proposes for construction of sanitary landfill. Land	Not available	60 lakh approx	ULB	Due to unavailability of budget cannot give

S. No	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan			Responsibilities	Timeline for completion of action plan
			Action Point	Budget Required	Budget Available		
	Landfill		is available for sanitary landfill.				timeline.
(v)	Remediation of historic / legacy dumpsite	There is old dumpsite present which has 51000 MT waste approx and 5% of that remediation has been completed. so 95% gap is available.	State government selected agency(C&Ds) for bioremediation of legacy waste. remediation has been completed 5%.	Not required.	116 lakhs Approx	C&Ds	Time line was 31 December 2022 but remediation not completed at that time. it can take 6 month more till august 2023.
(vi)	Involvement of NGOs		NGOs involved in solid waste management campaign like jagruk abhiyan.	Not available	Not available	ULB	Time to time campaign has been done with NGOs.
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Because of small city there are no EPR producers	Action plan for linkage of all producers/brand owners or their PROs for collection of plastic waste	No	No	No	-
(viii)	Authorisation of Waste Pickers	There is no waste pickers engage with ulb due to unavailability of budget.	ULB made a provision for the involvement of rag pickers for segregation and disposal of waste management.	36 lakh	Not available	ULB	Due to unavailability of budget cannot give timeline.
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes/ enforced	ULB has prepared bylaws rules strictly implemented.	-	-	-	Completed

(ii) Plastic waste Management

(a) Current status related to Plastic waste management

S.No.	Urban Local bodies	Estimated quantity of Plastic Waste Generated per day
1	Nagar Palika Parishad – 01	7.1 TPD
	Nagar Palika Parishad, Lalitpur	
2	Nagar Panchayats – 03	
	Nagar Panchyat, Pali	1.77 TPD
	Nagar Panchyat, Talbehat	
	Nagar Panchyat, Mehroni	

S.No.	Rural Local Bodies	Estimated quantity of Plastic Waste Generated per day
1	Talbehat	6129.8
2	Jakhaura	8155.3
3	Bar	6101.0
4	Birdha	7537.3
5	Mehroni	5756.2
6	Madawra	5553.5
	Total-06	

(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	There is 60% gap for door to door plastic waste collection.	ULB is doing 40 % collection of plastic waste. we will involve informal waste pickers for remaining 60% plastic waste collection.	12 lakh	-	ULB	Ongoing Process
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery	There is 4 manpower required for collection of plastic waste.	There is 6 manpower deployed at mrf(manually) for segregation which is not	4.8 lakh	Not available	ULB	Process 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		
	Facility		sufficient.				
3.	PW collection Centers	There is no PW collection centers.	Local Bodies want to set-up own plastic waste collection centers and also involve producers and brand-owners..	60 Lakhs	No budget available.	ULB	Due to unavailability of budget cannot give timeline.
4.	Awareness and education programs implementation	There is no gap.	Time to time awareness has been done through media, schools, NGOs and other channels	-	-	ULB	Process on going .
5.	Access to Plastic Waste Disposal Facilities	ULB require plastic product making machine.	Some necessary MRF machinery (weighing machine, conveyor belt, fatka machine, shredder machine, compress machine) has been in under tendering process.	41 Lakh	Not available.	Self ULB	Due to unavailability of budget cannot give timeline.

(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)	2.13 TPD
Does the District have access to C&D waste recycling facility?	Not Yet

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.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	There is gap of C&D waste collection vehicle and Deposition points.	ULB propose to purchase two closed Top Tipper for collection of C&D waste.	55 Lakh	Nil	ULB	Due to unavailability of budget cannot give timeline.
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?	There is no gap.	By laws has been published and implemented in the ulb.	-	-	By ULBs	Implemented
3.	C&D recycling Facility	There is no gap identified.	ULB reuse C&D waste in road construction filling.	No	No	ULB	Implemented
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads.	There is no gap identified.	ULB reuse C&D waste in road construction filling.	No	No	ULB	Implemented
5.	ICE on C & D waste	There is no gap	time to time	-	-	ULBs	Process 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		
	management	identified.	IEC activities done by ulb Last Date of awareness Program- 01-10-2022, 07-10-2022				

(iv) Biomedical Waste Management

a. Current Status related to biomedical waste

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	346
Total no. of non-bedded HCF	206
No. of HCFs authorized by SPCBs/PCCs	136
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	01 (In Jhansi Bijauli)
Capacity of CBWTFs	100.0Kg/Hour (Jhansi)
No. of Deep burials for BMW if any	29
Quantity of biomedical waste generated per day	175.0 Kg/day
Quantity of biomedical waste treated per day	100.0 %

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.	Inventory and Identification of Healthcare Facilities	There is no Gap found	Whenever HCFs is established it apply for CTO, currently this figure is 8 in district,	Nil	Nil	UPPCB / CMO	Ongoing Process

			authorizati				
			on granted				

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		
			<p>as per board policy. Online indent issued on time to time.</p> <p>The Serious Surveillance of each and every HCF is being made with consultation of District Magistrate, Lalitpur by the U.P. Pollution Control Board, Jhansi and Chief Medical Officer, Lalitpur with Chief Veterinary Officer, Lalitpur in case of complaint of Manager CBWTF Jhansi in presence of local Doctor as Member representative of Indian Medical</p>				

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		
			Association of District-Lalitpur.				
2	Adequacy of facilities to treat biomedical waste	No gap between Quantity of Biomedical Waste generated per day and quantity of Biomedical Waste treated and disposed in the district.	The existing facility and infrastructure is adequate having optimum capacity needed for safe disposal of BMW generated throughout district.	Nil	Nil	UPPCB	Regular activity
3	Tracking of BMW	Bar code system is implemented by HCFs in District	Bar code system is implemented by HCFs in District Jalaun Since Jan 2020	Not required	Nil	UPPCB / Health Department	Complied
4	Awareness and education of healthcare staff	The Last Education awareness program for healthcare staff was carried previously in year-2020 and education awareness program for healthcare staff is proposed in month of June-2022. The fixing of date is under	Action plan for awareness programs and training to healthcare staff and ULB officials	Not required	Nil	ULBs/ UPPCB / Development Authority/NGOs / Education Department	Complied

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		
		consideration of CMO, Lalitpur					
5	Adequacy of funds	Adequate funds is allocated to Government health care facilities for bio- medical waste management and other activities	Annual Action plan to be prepared for every year for ensuring adequate funds to Government health care facilities for biomedical waste	Not required	Nil	Health Department	Complied
6	Compliance to Rules by HCFs and CBWTFs	Regular inspection carried out to ensure compliance of all HCFs	Compliance is being done	0	0	UPPCB / Health Department/C MO	Regular Activity
7	District Level Monitoring committee	District magistrate Lalitpur has already constituted district level joint committee to check the HCFS of Lalitpur and the chief medical officer is the member convener	District environment committee meeting is organized in every month Action plan is being prepared against instruction given in meeting. Monthly report has been uploaded at upecp portal.	Not required	Nil	UPPCB / Forest Department	Regular activity

8.	Wastewater Treatment	No ETP/STP installed. There is no ETPs present in the district to treat wastewater generated through healthcare facility. HCFS are required to install ETPs for wastewater generated.	Action plan is being prepared by HCFs where applicable for installation of ETPs	Nil	Nil	UPPCB	Regular activity
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(v) Hazardous Waste Management

a. Current Status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No of Industries generating HW	02
Quantity of HW in the district	62.50 MT/Annum
(i) Quantity of Incinerable HW	10.00 MT/Annum
(ii) Quantity of land-fillable HW	13.00 MT/Annum
(iii) Quantity of Recyclable / utilizable HW	39.50 MT/Annum
No of captive/common TSDF	Nil
Contaminated Sites or probable contaminated sites	Nil

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.	Regulation of industries and facilities generating Hazardous Waste	All hazardous waste industries are identified and authorized as per guideline, operated under jurisdiction of Jhansi	Identification of no. of units generating hazardous waste done, hazardous waste Industries authorization and a system of safe disposal is ensured as per guideline	Not Required	Nil	UPPCB	Regular activity
2.	Establishment	All industries are connected with authorised TSDF	Adequate number of collection centers established and Are linked to Common TSDF.	10 lakhs	Nil	Local authority / UPPCB	December 2023
3.	Training of workers involved in handling / recycling / disposal of HW	Workers training needs to be conducted	Training programmes shall be conducted to train workers on safety	1 lakh	Nil	UPPCB/ Industry	December 2023

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		
			aspects as per HWM rules 2016				
4.	Availability / Linkage with common TSDF or disposal facility	No Gap	No Gap	Nil	Nil	UPPCB/ Industry	Regular activity
5.	Contaminated Sites	There is no contaminated sites in district	No required	Nil	Nil	Department of Environment/ District Administration/ UPPCB	Regular activity

(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	Nil
Collection centers established by ULBs in the District	No
Collection centers established by Producers or their PROs	No
No authorized E-Waste recyclers /Dismantler	No

b. Identification of gaps and action plan:

S.No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		

S.No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1	Inventory / Generation of E-Waste / Bulk-waste generators	No E-Waste generated in district	Inventorization shall be done as per E-Waste Rules 2016	Nil	Nil	UPPCB	Regular activity
2	E-Waste collection points	1 collection point of E-Waste is available in district	There is no recycler or dismantlers established or operated in the district	Nil	Nil	Nagar Nigam/ ULBs	Nil
3	Linkage among Stakeholders to channelize E-Waste	District administration has information on collection centres established by Producers / PROs? Administration should also identify authorised E-Waste recyclers in the district or in 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	Not Assessed	Nil	Nagar Nigam/ ULBs	Ongoing
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 Assessed	Nil	District Administration /ULBs/UPPCB/RTO	Ongoing
5	Integration of informal sector	Mechanism exists for bringing informal	List of informal pickers are	Not Assessed	Nil	UPPCB	Ongoing

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		
		sector into main stream in collection and recycling of E-Waste	available for collecting E-waste but No producers / PROs are available in ULBs				
6	Awareness and Education	Inventory is required to quantify E-waste generated in the district.	After allocation of required budget awareness programs will be conducted by ULBs/RLBs in district	1 lakh	Nil	ULBs/UPPCB/Development Authority/NGOs/Education Department	December 2023

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:	01 Industry – 01 (M/s Lalitpur Power Generation Limited, Mirchwara, Lalitpur)
Number of manual monitoring Station operated by SPCBs	No any manual Air Quality monitoring stations in District Lalitpur
Name of towns / cities which are failing to comply with national ambient air quality stations	None
No of air pollution industries	12
Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln] / [Industrial Estate] / [Others] (Multiple selection)	Large Industry-01 Small Industry-11 Construction sites- NA Brick Kiln-00

b. Identification of gaps and action plan:

S. No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Identification of prominent air polluting sources?	Inventory of air pollution sources in District including hotspots or areas of concern pertaining to air pollution is already done.	Continuous monitoring done for prominent air pollution sources.	Nil	Nil	UPPCB	Regular activity
2.	Ambient Air quality data?	Online air quality monitoring station is required.	There is no air quality monitoring stations established or operated in the district. A online air quality monitoring station is proposed at DFO office by SPCB	Nil	Nil	UPPCB	Regular activity
3	Setting up of Continuous Ambient Air Quality Monitoring Station	One ambient air quality monitoring station set up in industry i.e. Lalitpur power generation limited.	In Lalitpur power generation limited continuous	Nil	Nil	UPPCB	Regular activity

			Ambient Air quality monitoring station Is installed in four corners and data displayed at main gate.				
4.	District Level Action Plan for Air Pollution	Currently no action plan prepared for both improvement of existing air quality as well as for non-attainment days to national ambient air quality standards.	District not covered in non attainment cities , so no action plan available	Not Assessed	Nil	UPPCB	Regular activity
5.	Hotspots of	Currently no hotspot	Not	Not	Nil	UPPCB	Regular

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		
	air pollution in District	with respect to air pollution identified.	identified	Assessed			Process
6.	Awareness on Air Quality	Awareness program needed in the district to dissemination of information on local air quality in towns and cities located in District through online portals and mobile app	Swachh vayu app and sameer app available for awareness as well as to take complaints on local air pollution.	Nil	Nil	UPPCB	Completed

4.0 Water Quality Management

4.1 Water Quality Monitoring

a. Current Status related to Water Quality Management

Details of Data Requirement	Present Status
Rivers	River-4 Jamini, Rohini, Sajnam and Sahjad. (Assessment of river length is not done yet due to unavailability of fund)
Length of Coastline (if any)	No coastline found
Nalas/ Drains/Creeks meeting Rivers	Municipal Drains
Lakes / Ponds	Total-46, 7623 Hectares Lake - 0 Ponds - 10
Total Quantity of sewage from towns and cities in District	149.0 MLD
Quantity of industrial waste water	2.265 MLD

Percentage of untreated sewage	100.0 %
Details of bore wells and number of permissions given for extraction of groundwater	Related to CGWA
Groundwater polluted areas if any	Nil
Polluted river stretches if any	Nil

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

S.No.	Action points For village panchayat/ 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	Identification and inventorization of water bodies already done in the district.	Control room established in the regional office to monitor and maintain data in district for water quality assesment	2 lakhs	Nil	UPPCB/ Jal Nigam/ Irrigation Dep.	Regular activity
2.	Quality of water bodies in the district	Periodic monitoring of water bodies done by SPCB. Data available on official website.	Control room established in the regional office to monitor and maintain data in district for water quality assesment	Nil	Nil	UPPCB/Jal Nigam	Regular activity
3.	Hotspots of water contamination	Continuous monitoring of water bodies carried out at UPPCB lab, till date no such hotspot of surface water and ground water identified.	Water contamination is being check periodically by Jal nigam lab	2 lac s	Nil	UPPCB/ Jal Nigam	Ongoing process
4.	Protection of river / lake	Action plan should be	River channelizat	40 lak	Nil	Jal Nigam/ irrigation	Project work will start after

S.No.	Action points For village panchayat/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
	water front	prepared for control river side open defecation, dumping of Solid waste on river banks, for idol immersion etc.	ion and pitching work is being done periodically by irrigation department .	h			allotment of required fund
5.	Inventory of sources of water pollution	The Surface water quality monitoring is being conducted by U.P. Pollution Control Board under (National Water Monitoring Program) at regular basis as per directives of central pollution Control Board Delhi and programme are being complied by U.P. Pollution Control	Inventory already prepared for the district	Nil	Nil	Jal Nigam/UPPCB	Regular activity
6.	Oil spill disaster management (for coastal districts)	Not applicable for the district	None	No ne	Non e	None	None
7.	Protection of flood plains	Demarcation of flood prone area is required	Periodic ally control room being made at beginning of the monsoon time at various location. To protect Soil from erosion	20 lacs	Nil	Irrigation Department	Ongoing process

			Empty Cement bags being laid down. Flood steering committee will be constitute every year onset of monsoon				
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S.No.	Action points For village panchayat/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
8.	Rejuvenation	There is an need of action plan be prepared for Rain water harvesting in the district.	Two Tier III training were conducted by Central Ground Water Board. The objective of training is to impart knowledge on rain water harvesting especially in the water scarcity areas. 2.Action plan has been prepared by CGWB/UP GWD	Nil	Nil	UPGWD/ Jal Nigam	Ongoing
9.	Complaints		All complaints related to department has compliance by executive	Nil	Nil	UPPCB	Complied.

S. No.	Action points For village panchayat/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target timefor Compliance
			Action Point	Budget Required	Budget Available		
			engineer				

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	00
No of Class-I towns and above	00
No of Towns STPs installed	00
No of Towns needing STPs	10
No of ULBs having partial underground sewerage network	None
No of towns not having sewerage network	None
Total Quantity of Sewage generated in District from Class II cities and above	None
Quantity of treated sewage flowing into Rivers(directly or indirectly)	None
Quantity of untreated or partially treated sewage (directly or indirectly)	149.0 MLD
Quantity of sewage flowing into lakes	Not Available
Total available Treatment Capacity	None

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

S.No.	Action points For village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan			Agencies Responsible	Target time for Compliance
			Action Point	Budget Required	Budget Available		
1.	Sewage Treatment Plants (STPs)	There is neither existing STP nor proposed STP in the district	There is neither existing STP nor proposed STP in the district however 32 KLD STP (Fecal sludge treatment plant) under construction near Dailwara	4.76 crore	4.76 crore	UP jal nigam urban jhansi	Under construction (about 90% project completed)

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		
			village under AMRUT program.				
2.	Underground sewerage network	Under ground sewerage line is not present in the district.	Underground sewerage network is not available in the district. Sewerage line will be laid down after approval.	Not Assessed	Nil	Jal Nigam/ ULBs	Timelin e will be given after approv al.

5.0 Industrial waste water management

a. Current Status related to Industrial Waste water Management

Number of Red, Orange, Green and White industries in the district	No of Red industries - 03 No of Orange industries - 27 No of Green industries - 19 No of White industries - 00
No of Industries discharging waste water	09
Total Quantity of industrial waste water generated	2.265 MLD
Quantity of treated industrial waste water discharged into Nalas / Rivers	2.265 MLD
Common Effluent Treatment Facilities	NIL
No of Industries meeting Standards	01
No of Industries not meeting discharge standards	00

b. Identification of gaps and action plan for industrial wastewater:

S. No	Action Points	Gaps and Action Plan	Action Plan			Responsible Agency	Timeline for completion of action plan
			Action point	Budget Required	Budget available		

1.	Compliance to discharge norms by Industries	Regular Identification of industries carried out those not Meeting the standards also Environmental compliance and so caused notice issued regularly in case of not meeting standards	Environmental compliance and show caused notice issued regularly in case of not meeting standards	Nil	Nil	UPPCB	Regular activity
2.	Complaint redressed system	Complaint redressing system based on Mobile App and Online is available.	Swachh vayu app and same er app are already available for redressal of complaints.	Nil	Nil	UPPCB	Regular activity

6.0 Mining Activity Management plan

a. Current Status related to Mining Activity Management

Details of Data Requirement	Existing Mining operations
Type of Mining Activity	1.Sand- Riverbed sand mining 2.Granite (Dimensional), Granite-Khanda/Gitti/Boulder, Sandstone, Pyrophyllite/Diaspore explore through in-situ earth mining
No of licensed Mining operations in the District	56

% Area covered under mining in the District	0.0344%(1.737SqKm/5039SqKm)
Area of Sand Mining	0.11098SqKm
Area of sand Mining	0.8898SqKm

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	A district level task force has been formed to dispose illegal mining/transport cases	Not Applicable	Nil	MoEF & CC And SEIAA	Ongoing Process
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	Action is being taken To prevent illegal mining/transport, after inspection by district level task force	Not Applicable	Nil	District Administration/ District Mining Department	Ongoing Process
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.	No	Not Assessed	Nil	MoEF & CC And SEIAA	Ongoing Process

7.0 Noise Pollution Management plan

a. Current Status related to Noise Pollution Management

Details of Data Requirement	Measurable Outcome
No. of noise measuring devices available with various agencies in district	Regional Office, U.P. Pollution Control Board, Jhansi 03

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.	SPCB have portable noise level meters.	Four points identified for noise monitoring in the district	Not Assessed	Nil	UPPCB/ District Administration/ ULBs/ SHOs/ Traffic Police	Complied
2.	Ambient noise level monitoring.	Continuous noise monitoring done Regularly.	Regular monitoring done	Not Assessed	Nil	UPPCB/ ULBs	Complied
3.	Signboards in Noise zones		District administration may ensure that adequate number of sign boards installed at sensitive zones in towns / cities in towns and cities. An action plan may be prepared by district authority.	Not Assessed	Nil	District Administration/ ULBs/ Police	Complied

S. No	Action Points	Gaps and Action Plan	Action Plan			Responsible Agency	Timeline for completion of action plan
			Action point	Budget Required	Budget available		
4.	Complaint redressing system	Complaint redressal system through online portals		Nil	Nil	District Administration /Police Administration/ UL Bs/UPP CB	Complied

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प्रभागीय निदेशक
सामाजिक वानिकी प्रभाग
लालतपुर (सदस्य संयोजक)

जिलाधिकारी लालतपुर
जिला पर्यावरण सलमनत
(अध्यक्ष)