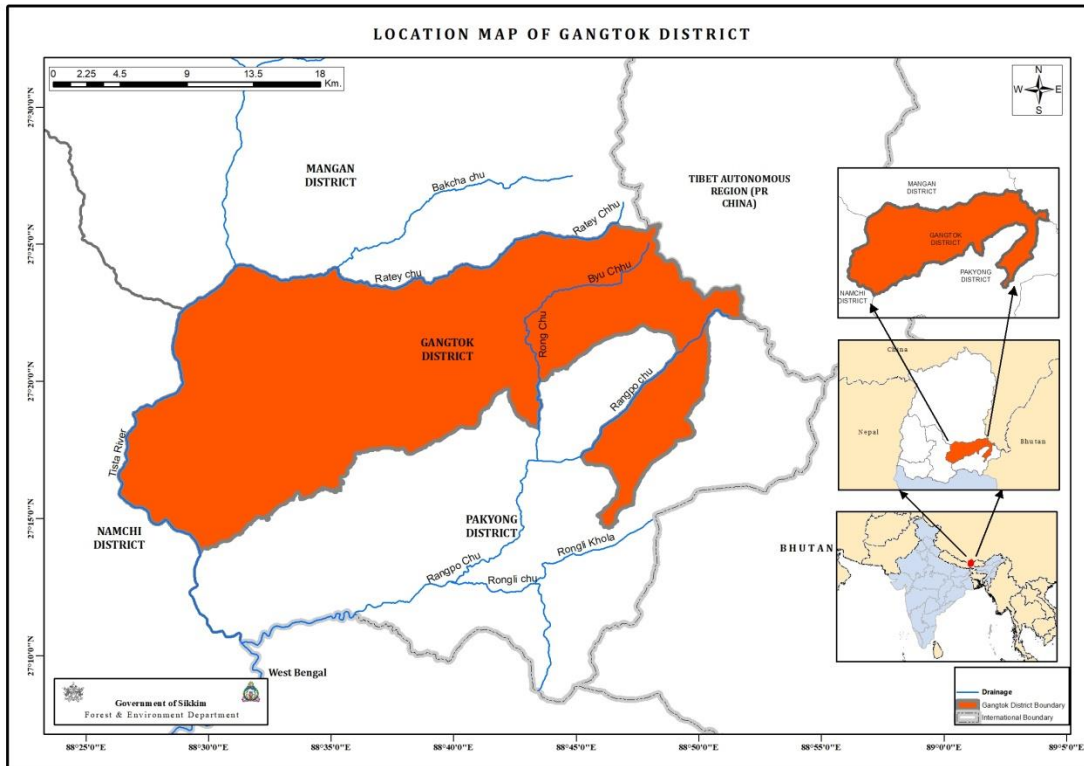


**DISTRICT ENVIRONMENT PLAN FOR  
GANGTOK DISTRICT  
STATE OF SIKKIM**



**Office of District Administration  
District Collector, Gangtok District  
District Administrative Centre, Gangtok, East Sikkim  
E-mail:**

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## **District Profile**

Gangtok is a bustling, friendly hill station and the capital of the state and as well as the district headquarter of east district. East district has been renamed as Gangtok District as a result of the Sikkim (Re-organization of Districts) Act, 2021 in December 2021. Being the capital of Sikkim, Gangtok is the hub of all the major administrative offices of the state and hence is the districts' headquarter. The district is bounded by Pakyong district in the southern and southeast part of Gangtok district, Bhutan in the east, the People's Republic of China in the northeast, Mangan district in the north and Namchi district in the west.

Not much is known about the early history of the Gangtok District. A very little whatever we get from different sources gives a glimpse of beginning which takes us back to the time of the construction of the hermitic Gangtok monastery in 1716. Gangtok remained a small hamlet until the construction of the Enchey Monastery. The construction of Enchey monastery in 1840 made Gangtok a pilgrimage center. Gangtok came into importance after an English conquest in mid 19th century in response to a hostage crisis. After the defeat of the Tibetans by the British, Gangtok became a major stopover in the trade between Tibet and British India at the end of the 19th century. Most of the roads in the area were built during this time.

In 1894, Thutob Namgyal, the Chogyal (king) of Sikkim, shifted the capital from Tumlong to Gangtok, increasing the city's importance. East district became the centre for all administrative and social activities with shifting of capital. A new grand palace along with other state buildings was built in the new capital. Following India's independence in 1947, Sikkim became a nation-state with Gangtok as its capital. Sikkim came under the suzerainty of India, with the condition that it would retain its independence, by the treaty signed between the Chogyal (King of Sikkim) and the then Indian Prime Minister Jawaharlal Nehru. This pact gave the India control of external affairs of Sikkim. Trade between India and Tibet continued to flourish through the Nathula and Jelep passes, offshoots of the ancient Silk Road near Gangtok. These border passes were sealed after the Sino- Indian War in 1962, and the trade came to a halt. The Nathula pass was finally opened for limited trade in 2006, fuelling hopes of economic boom.

In 1975, after years of political uncertainty and struggle, including riots, the monarchy was abrogated and Sikkim became India's twenty-second state, with Gangtok as its capital after a referendum.

### **a. District Administrative Set-up**

Gangtok district of Sikkim has been divided into 2 Sub-Divisions namely Gangtok and Rabdang. Gangtok district is an administrative district of the Indian state of Sikkim as all the major offices of the administration of the state is located in Gangtok. Both the District Collectorate and the office of SDM are situated at Sichey area of Gangtok. However, because of the decentralization policy of the State Government, the sub-district units were further divided into smaller units called Block Administrative Centre (BAC) vide Notification No. 628/RM&DD/P, dated 12.2.2007. The newly created Block Administrative Centers (BACs) are declared as the "grassroots unit" of developmental activities of the state and their territorial jurisdictions are fixed vide Notification No. 60/RM&DD/P, dated 20.02.2007 superseding earlier Notifications of 12.2.2007. Previously there

were only 08 BACs which are later on extended to 10.

### **b. Local Institutions**

Gangtok district is a bustling, friendly hill station known for being the most populous districts of the state. Scenic beauty, colorful orchids and glorious monuments make Gangtok a fairyland attraction. Gangtok is a popular place with tourist heading on treks. Along with its natural and cultural bounties the city is dotted with beautiful monasteries and other architectural wonders. Some of these monasteries delight us with their interesting stories and beautiful artistry. Just like its magical appeal, the city is admired for its regional specialties, cleanliness, organization, beautiful maintenance and tobacco-free zone. From handicrafts to handlooms to jewellery and lots more, the city has its own unique touch, which captivates the attention of every visitor. M.G Marg situated at the heart of Gangtok is the first town in the country to be declared as litter and spit-free town.

As the headquarter of Gangtok district, it has all the head offices of different departments including Raj Bhawan, Mintokgang (Residence of the Chief Minister), the State Secretariat, High Court of Sikkim, which is India's smallest high court in terms of area and population of jurisdiction, the Police Headquarter are also located in Gangtok. Rongyek jail, the only jail in the state is also located in Gangtok.

### **c. Natural Resources**

Out of the total geographic area (964 sq km), 679 sq km of area is covered by forest which is 71.17 percent of the total geographic area. Very dense forest occupies 162 sq km of the total geographic area, 396 sq km is occupied by the dense forest and 121 sq km is occupied by the open forest. The major physiographic units are hill, valley and slope. The major drainage system in Gangtok district is Teesta, Rangpo Chhu and Dik Chhu.

**River System:** Major rivers in the Gangtok district are Teesta and Rangit. Teesta can be called as Ganga of the state of Sikkim as most of the Sikkim's settlements are found along the banks of this river. The Teesta comes out as a snout from the Zemu glacier above Lachen Gompha. The Lhonak stream from the north joins it. Another stream Lachung rises from Pauhunri and meets the Teesta at Chungthang. The minor rivers in the district are Rani Khola, Busuk Khola, Rishi Khola and Ratey Chu.

Till 10,000 feet, there are terraced farmlands in which the rice, maize, barley and millet are grown. Cardamoms, oranges, apples, potatoes and ginger are grown in abundance. Orchids also abound in areas with moderate altitudes. They are the pride of Sikkim and there are about 600 species. They come in a wide variety of colours and sizes. The most popular orchids are cymbidiums, vanda, cattaleya, hookeriana, farmeri, dendrobium, amoenum.

In the temperate zone, the flora consists of Oak, Chestnut, Maple, Birch, Alder, Magnolia and Silver Fir. There are about 35 species of Rhododendrons found above the height of 10,000 feet.

#### District Environment Plan [*Gangtok District*]

When Rhododendron flowers between the month of April and May, it is a sight to behold with hillsides becoming shrouded in colour. At the treeless altitudes above 14,000 feet curious types of flowers in colours of blue, red, violet blossom during summers just a few inches above the ground. The stones and rocks also get coloured by lichens and mosses in amorphous pattern. The diversity in the plant world is complemented by a similar variety in the animal kingdom. Amongst the mammals of Sikkim are the rare Snow Leopard, Himalayan Black Bear, Red Panda, Musk Deer, Blue Sheep, Shapi, Common Langur, Leopard Cat, and the Flying Squirrel.

The two famous Protected Areas in the district are Fambong Lho Wildlife Sanctuary and Kyongnosla Alpine Sanctuary.

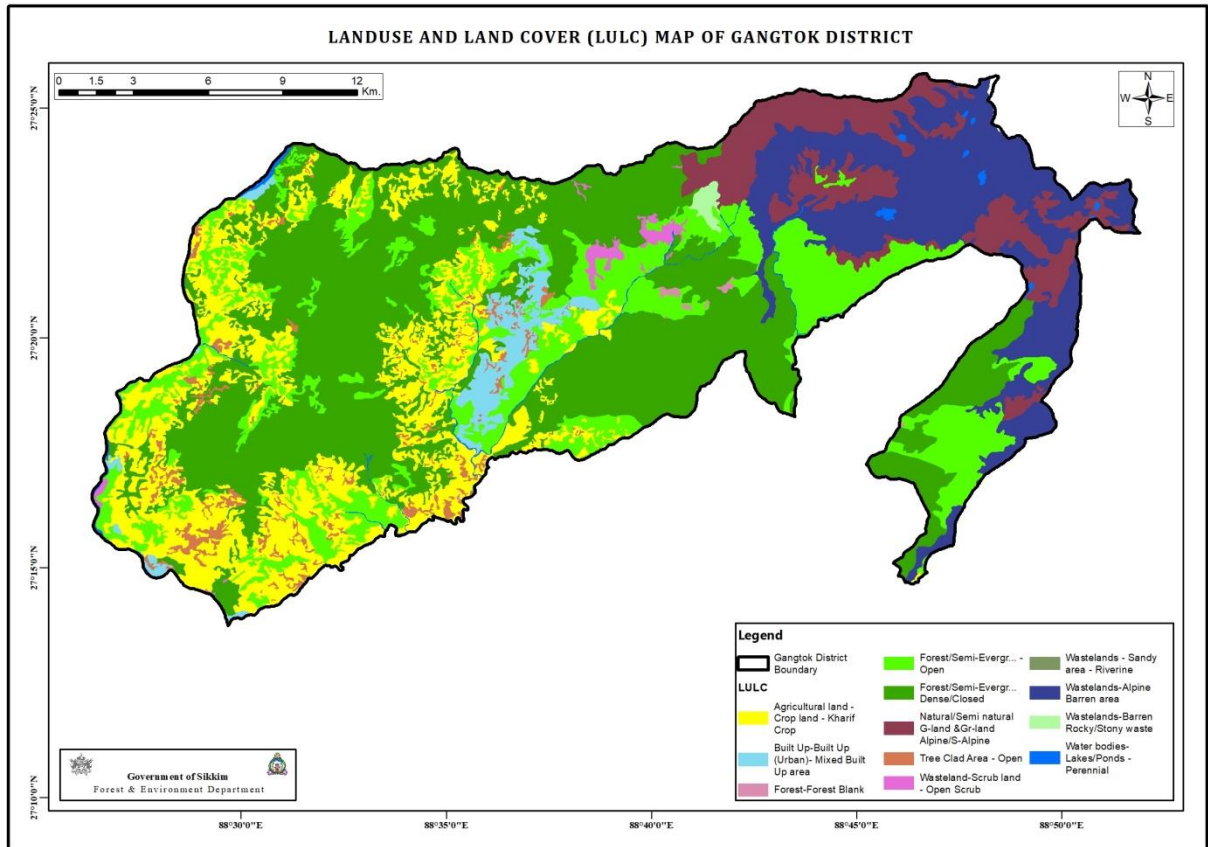
#### **d. Geography & Demography**

Gangtok district is a part of the Eastern Himalayas and occupies the south-east corner of the state. The district is bounded by Pakyong district in the southern and southeast part of Gangtok district, Bhutan in the east, the People's Republic of China in the northeast, Mangan district in the north and Namchi district in the west. The district occupies an area of 964 km<sup>2</sup> and is the second smallest district area wise in the state. It is located at topographical location of Latitude – 27° 25' North to 27°11' North and Longitude – 88° 53' East to 88°26' 10" East. The district is considered to be a very sensitive area sharing boarder with People's Republic of China and Bhutan.

The district exhibits identical geological features as in other parts of the Eastern Himalayas. Five geological units encountered in the district are Kanchenjunga gneiss, Darjeeling gneiss, Chungthang schists and gneiss, lingtse granite gneiss and daling group of rocks consisting of Phyllite, Slates, Quartzites and Schist of Pre-Cambrian age. Quaternary deposits of alluvium are sporadically developed along the streams and rivers. Due to different sets of structural disturbance numerous fractures, faults, joints, folds, etc. have developed in the rocks occurring in the district.

According to the 2011 census, Gangtok Sikkim district has a population of 281,293 out of which 150260 are males and 131033 are females which constitute 45.3 % of the total population of the state of Sikkim. The district has a population density of 295 inhabitants per square kilometer (760 /sq mi). East District has a sex ratio of 872 females for every 1000 males, and a literacy rate of 84.67%. The district is a land of diverse culture and tradition; people in Gangtok District are constituted by Nepali, Bhutia and Lepcha communities. Nepali is the predominant language in the region

**e. Land-use Pattern**



**f. Climate**

The climate of the district has been roughly divided into the tropical, temperature and alpine zones. For most of the period in a year, the climate is cold and humid as rainfall occurs in each month. The area experiences a heavy rainfall due to its proximity to the Bay of Bengal. The general trend of decrease in temperature with increase in altitude holds good everywhere. Pre-monsoon rain occurs in April-May and monsoon (south-west) operates normally from the month of May and continues up to early October.



## 2.0 Indicative Gap Analysis and Action Plans for Complying With Waste Management Rules

### (i) Solid Waste Management

#### a. Current status related to Solid Waste Management

	Urban Local Bodies	No of Wards	No of House holds	Population	Solid Waste Generated per day
1.	Gangtok Municipal Corporation	17		1,00,286	50 TPD
2.	Singtam Nagar Panchayat	5		5,868	2.5 TPD

	Local Bodies	No of Village Panchayats / Blocks	No of House holds	Population	Solid Waste Generated per day
1	Block/Taluk/ Mandal Tehsils	64			
2	Village/Gram Panchayats	51			

#### 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
1	<b>Segregation</b>				
(i)	Segregation of waste at source	Segregation at source practiced by some household and other waste generators.  Ensuring Segregation at source at all point generation source is necessary.	Action plan to achieve segregation at source.  The 3Rs' rules and regulations (Reuse, Reduce and Recycle) to be followed mandatory.  Awareness programs,	Urban Development Department, Gangtok Municipal Corporation	Continuous process

District Environment Plan [Gangtok District]

			incentives, etc. maybe considered at regular intervals.		
		% of segregation in each ULB for gap identification	<p>Distribution of color-coded garbage bins to households or community bins in various areas with high foot traffic can be placed.</p> <p>Imposing penalties/fines</p> <p>Collecting different type of waste on different days</p> <p>Can mention the awareness programs conducted and the incentives given</p>		No proper timeline
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	Gaps have not been seen currently.	Continuation of current practice	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administration, Block Administrative Centres, Gram Panchayat Units, Producers / Manufactures /	Continuous process

District Environment Plan [Gangtok District]

				Brand owners. Gangtok Municipal Corporation	
		Current status of sweeping tools (Brooms, hand carts, etc )	Elaboration of the current practice mentioned above  Total man power in the district (each ULB)  Total area/length of the road covered every day  Frequency of sweeping		
(ii)	Mechanical Road Sweeping & Collection	Not practiced currently in the state	Sweeping is done manually in town areas	Action not required	Not Applicable
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	80% in Gangtok 92% in Singtam Nagar Panchayat	Prepared and notified vide Govt. of Sikkim Gazette Notification no.4/UD&HD dated 29.04.2019	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administrative Block, Administrative Centres, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	Continuous process
			Plan for achieving the rest gap % needs to be mentioned above		No proper timeline

District Environment Plan [Gangtok District]

			<p>Can mention if more man power is required to achieve the gap %</p> <p>Can increase the frequency of waste collection</p> <p>Can mention if a greater number of vehicles are required</p> <p>Can mention if any awareness programs has been conducted by the concerned department</p>		
(ii)	Arrangement for door-to-door collection	80% in Gangtok Municipal Corporation,  92% in Singtam Nagar Panchayat	<p>Specified in the action plan.</p> <p>(Garbage fees to be mandatorily collected from every household and business establishments)</p>	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administration, Block Administrative Centres, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	Continuous process
			Elaboration of the mentioned action plan		
(iii)	Waste collection trolleys with separate compartments	Required. 10 nos for Gangtok, & 3 nos. for Singtam	Procurement list has been submitted to UDD. Govt. of Sikkim	Urban Development Department, Rural Development Department, Forest &	Continuous process

District Environment Plan [Gangtok District]

				Environment Department, District Administration, Block Administrative Centres, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	
		Number currently available in the district	Current status of the procurement list  Proper date for when the list was submitted		No proper timeline
(iv)	Mini Collection Trucks with separate compartments	Required. 5 nos for Gangtok & 1 no. for Singtam	Procurement list has been submitted to UDD. Govt. of Sikkim	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administration, Block Administrative, Centres, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	Continuous process
		Number currently available in the district	Current status of the procurement list  Proper date for		No proper timeline

District Environment Plan [*Gangtok District*]

			when the list was submitted		
(v)	Waste Deposition Centers (for domestic hazardous waste)	Improper segregation due to lack of awareness leads to admixing of DHW in solid waste.	SPCB- Sikkim has donated separate labeled DHW collection bins to authorities for use during waste collection	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administration Block, Administrative Centres, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	Continuous process
		Number of waste deposition centers currently available in the district  No. of WDC required	Regular monitoring to check the effectiveness of the above-mentioned plan  Awareness programs on domestic hazardous waste to the general public  Distribution of DHW collection bins to households		No proper timeline
<b>4.</b>	<b>Waste Transport</b>				

District Environment Plan [*Gangtok District*]

(i)	Review existing infrastructure for waste Transport.	Mini collection Trucks, Waste Trolleys and Bulk waste trucks are required.	Procurement is required	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administration, Block Administrative, Centres, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	Continuous process
		Mention existing number of infrastructures for waste transport	Mention the number required for procurement based on the gap  Action plan for procurement of the above-mentioned required infrastructure		No proper timeline
(ii)	Bulk Waste Trucks	Required. 1 no. for Gangtok & 1 no. for Singtam	More procurement is required	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administration, Block Administrative Centers,	Continuous process

District Environment Plan [Gangtok District]

				Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	
		Current availability of the bulk waste trucks in the district	Action plan for procurement of the above-mentioned required infrastructure		No proper timeline
(iii)	Waste Transfer points	Not available. Directly transfer to Waste Processing Facility (WPF).	NA	NA	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Bulk Waste generators are not present in most of the ULBs in the district except Gangtok	Compost plant of capacity 1TPD has been installed in Lal Bazaar (vegetable market) in Gangtok	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administration Block, Administrative Centres, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	Continuous activity
(ii)	Wet-waste Management :Facilities) for central Bio-meth nation	Proper Management of WPF is required. Due to lack	50 TPD composting unit available at Martam, East Sikkim for	Urban Development Department, Rural Development Department,	Continuous activity



District Environment Plan [Gangtok District]

	/ Composting of wets waste.	of segregation of waste from rural area, the WPF in Martam, East Sikkim is facing a lot of difficulties. Proper compost cannot be carried out due to non biodegradable waste admixed with compostable material	Gangtok, Singtam & Rangpo. Specified in the action plan. Under SBM (G) Mission Phase II, all 32 blocks of the state are under the process of setting up community compost pits. Not required for ULBs in current scenario.	Forest & Environment Department, District Administration Block, Administrative Centres, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	
		Total number of existing facilities			
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Installed	Specified in the action plan. Recyclable wastes are sent to West Bengal from Martam WPF. The Rural Development Department has selected 2 Divisions in the district and 4 GPUs (SamlikMarchak and MartamNazitam) as model villages for compliance to the directions of Hon'ble NGT in the matter of 606/2018. Setting up of RRC in all	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administrative Block, Administrative Centres, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	Continuous activity

District Environment Plan [Gangtok District]

			blocks is under process. Selection of RDF firm for the state is under process by UDD, Govt. of Sikkim		
		Location where the facility has been installed  Number of facilities installed			Timeline
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Sanitary landfill available at 32 mile for the entire district.  Proper Management of WPF is required.  Proper compost cannot be carried out due to non biodegradable waste admixed with compostable material.	Specified in Action plan.  Under process for identifying more landfills.	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administration, Block Administrative Centers, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	Continuous activity
		Required number of Sanitary Landfills	Action plan needs to be mentioned above  Current status on identifying more landfills		Timeline

District Environment Plan [*Gangtok District*]

(v)	Remediation of historic / legacy dumpsite	Yes. Lack of proper segregation leads to lot of waste being disposed in landfill	Capped and scientific disposal site established.  Biomining may be required in future.	Urban Development Department, Gangtok Municipal Corporation	Continuous activity
		Number of existing old dumpsite	Location of the site established for scientific disposal  Exact timeline on establishment of site and further actions		Timeline
(vi)	Involvement of NGOs	Initiated	More NGOs to be engaged.  Local NGOs such as Voyage Sikkim has been granted NOC by SPCB for collection for plastic waste on Household level in Gangtok area. NGOs have also been involved in survey of Urban areas for data generation to ensure phasing out of SUPs.	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administration, Block Administrative Centers, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	Continuous activity
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Under process	The SPCB-Sikkim has initiated registration of single use plastic manufacturers and producers in the state as per the new SOP prepared by CPCB. Licensing authorities have	Urban Development Department, Rural Development Department, District Administrative Block, Administrative Centres, SPCB-Sikkim. Gangtok	Continuous activity

District Environment Plan [*Gangtok District*]

			been directed to prepare inventory of brand owners of authorized dealers. Many Producers has approached GMC for implementation of EPR.	Municipal Corporation	
			<b>Timeline of each activity</b>		<b>Timeline</b>
(viii)	Authorization of Waste Pickers	Action not required	Authorized waste pickers available. Registration done by ULBS for those working in Martam WPF.	Urban Development Department, Rural Development Department, District Administrative Block, Administrative Centres, SPCB-Sikkim. Gangtok Municipal Corporation	Continuous activity
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Prepared and notified vide Govt. of Sikkim Gazette notification no. 5/UD&HD dated 29.04.2019.		In Progress

**Note: “State Policy and Strategy on Solid Waste (Action Plan)” and “Bye-laws of Solid Waste Management & Handling cleanliness and sanitation for urban sector in Sikkim” has been enclosed as Annexure I & II, respectively.**

**(ii) Plastic Waste Management****(a) Current status related to Plastic Waste Management**

	Urban Local Bodies	Estimated Quantity of Plastic Waste Generated per day
1	Gangtok Municipal Corporation	23.21 mt
2	Singtam Nagar Panchayat	0.5547 mt

	Local Bodies	Plastic Waste Generated per day
1	Block/Taluk/ Mandal Tehsils	Not available
2	Village/Gram Panchayats	Not available

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

S.No.	Action points for village panchayats/bl ocks/municipalities /corporations	Identification of gap	Action plan	Responsible agencies	Target time for Compliance
1.	Door-to-Door collection of dry waste including PW	80% in Gangtok Municipal Corporation, 92% in Singtam Nagar Panchayat	All recyclable plastic is sent to West Bengal as no recycling facility is available in the state. The Govt. of Sikkim vide Gazette notification no. 145 dated 8th of July 1998 amended the Sikkim Trade License and Miscellaneous Provisions Rule 1985 wherein the use of plastic wrappers or bags for purchase of any goods or materials was prohibited. Trade license	Urban Development Department, Rural Development Department, District Administration, Block Administrative Centers, Gram Panchayat Units, Gangtok Municipal Corporation	Continuous process.

			<p>conditions states that no one should use plastic wrapping for goods being sold in the market. The Govt. of Sikkim vide notification number 25/Home/2016 dated 19.05.2016 directed that the packaged drinking water bottles may not be used in any Govt. meetings/functions in order to reduce plastic waste. The Govt. of Sikkim vide notification number 26/Home/2016 dated 19.05.2016 announced the ban on sale and use of disposable items made from Styrofoam throughout the State keeping in view its various ill effects to environment and human health. The Govt. of Sikkim vide Gazette notification no. 344 dated 9th of August</p>		
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District Environment Plan [Gangtok District]

			2019 imposed ban on sale and use of plastic having less than 50 micron thickness and SUP in all forms such as carry bags, pouches, cups, plates, spoons, straws and other use and throw items made of plastic.		
			Action plan for gap % of door to door collection of PW not specified  Can increase man power and frequency of collection		
2.	Facilitate organized collection of PW at Waste Transfer Point or Material Recovery Facility	All dry waste is transported at dumpsite located in Sipsu. <ul style="list-style-type: none"> <li>• Material recovery facility available</li> <li>• Involvement of informal sector /NGO initiated and under process</li> <li>• Registering wastepickers completed</li> </ul> Till date no plastic waste collection centre has set up brand owners in the district. Proposal for implementation of	Action Plan and Bye laws are under process	Urban Development Department, Rural Development Department, Forest & Environment Department, District Administration, Block Administrative Centers, Gram Panchayat Units, Producers / Manufacturers / Brand owners. Gangtok Municipal Corporation	Continuous process.

District Environment Plan [Gangtok District]

		<p>EPR has been received by GMC.</p> <ul style="list-style-type: none"> <li>• Availability of transfer points and material recovery facility</li> <li>• Involvement of informal sector /NGO.</li> <li>• Registering wastepickers</li> <li>• Linkage with PW recyclers</li> </ul> <p>Involvement of producers and brand-owners</p>			
			If action plans are under process timeline for action plan completion needs to be mentioned		
3.	PW Collection Centers	<p>Till date no plastic waste collection centre has been set up by brand owners in the district. Proposal for implementation of EPR has been received by GMC.</p>	Action Plan and Bye laws are under process	Urban Development Department, Rural Development Department SPCB, Gangtok Municipal Corporation	
		PWC centers can be set up by local bodies as well	<p>Action plan for establishing adequate number of plastic waste collection centers</p> <p>Identification of areas for establishing PWC centers</p>		Timeline



District Environment Plan [Gangtok District]

4.	Awareness and education programs simple mentation	Under process	Conducted by SPCB-Sikkim in coordination with UDD, RDD, MSME, Krishi Vigyan Kendra and District Authorities. Street plays conducted, videos and jingles have also been released by SPCB-Sikkim. Many NGOs have been involved in conducting survey for phasing out SUPs. Awareness is also carried by various divisions of the Forest Department to the public.	Urban Development Department, Rural Development Department, Forest & Environment Department District Administration, Block Administrative Centres, Gram Panchayat Units. Forest Department Gangtok Municipal Corporation	Continuous process
			Can mention state govt notification on ban of SUPs		Timeline
5.	Access to Plastic Waste Disposal Facilities	Yes	Located at West Bengal. Recycling facilities for plastic waste has not been set up in the state.	Urban Development Department, Rural Development Department	

(iii) C&D Waste Management

a. Current status related to C&D Waste Management

Details of Data Requirement	Present Status
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District Environment Plan [Gangtok District]

Total C &D waste generation in MT per day (As per data from Municipal Corporations/Municipalities)	Not available
Does the District have access to C&D waste recycling facility?	No

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

S. No.	Action points for blocks/town municipalities/City corporations	Identification of gaps	Action plan	Responsible agency	Timeline for completion of action plan
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	NA	NA	NA	NA
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 month?	NA	NA	NA	NA
3.	C&D recycling facility	NA	NA	NA	NA
4.	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	NA	NA	NA	NA
5.	ICE on C & D waste management	NA	NA	NA	NA

**No data on C&D waste management has been provided by the district**

**Note: Action plan on C&D waste has been prepared and is under process for approval. The details for the same shall be provided after final approval by the State Government.**

**(iv) Biomedical Waste Management****a. Current status related to Biomedical Waste Management**

<b>Inventory of BMW in the District</b>	<b>Quantity</b>
Total no. of bedded Healthcare Facilities (HCF)	6 (Socheygang, Samdong, Sang & NHPC, Ayush Hospital & CRH).
Total no. of non- Bedded HCF	219(17 HCF-Sub Health Centre{ 10 under Sang & 7 under Samdong), 1 UPHC Gangtok, 1 UPHC Ranipool, 1 UHWC Shantinagar and 7 UHWC under Gangtok UPHC}, 2 ESIC Clinics, 25 Veterinary { 1 State Vet Poly Clinic, 2 Vet Hospital, 11 Vet Dispensary, 11 Vet Sub Centre}, 159 Private Clinics{ 140 under urban & 19 under Singtam area}, 6 Pvt. Company OHC).
No. HCFs Authorized by SPCBs/PCCs	207 (except for 2 UPHC's,8 UHWC's,2 ESIC's)
No. of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	NIL
Capacity of CBWTF	NIL
NO. of deep Burials for BMW	20 (Sang, Samdong, NHPC, UHPC Ranipool, Chongey, Dondaythang, Khamdong, Martam Rumtek, Rey Mindu, Ranka, Tumblabong, Tumin, Luing, Lingdok, Pangthang, Raley, Makha, Old Singtam Hospital area & State Vet Clinic,).
Quantity of Bio medical Waste generated per day	350-360 kg/day approx. (including all bedded non-bedded HCF)
Quantity of Biomedical Waste treated per day	300 kg per day.

**Under District CMO: Sang and its 10 Sub- Health Centre's, Samdong and its 7 Sub-Health Centre's, Shantinagar UHWC, NHPC, 19 Pvt Clinics and 6 Pvy. Company OHC's.**

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

<b>S. No.</b>	<b>Action points for blocks/town municipalities/City corporations</b>	<b>Identification of gaps</b>	<b>Action plan</b>	<b>Responsible agency</b>	<b>Timeline for completion of action plan</b>
1.	Inventory and identification of Health care facilities	No gaps	Inventory has been prepared by SPCB and submitted to CPCB.	Department of Health & Family Welfare, SPCB – Sikkim	Completed. The same shall be updated in the future if any changes occur.

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		<p>Out of 225 HCFs 12 have not been authorized according to data mentioned above.</p> <p>Reason why the remaining HCFs are not authorized</p>			
2.	Adequacy of facilities to treat biomedical waste	<p>No gaps.</p> <p>BMW generated in all HCFs undergo captive treatment within the facility itself.</p>	<p>Proposal for CHWTSDF and CBWTF is in process. 90% payment for Land Acquisition completed.</p>	<p>Department of Health &amp; Family Welfare, Department of Commerce &amp; Industries, SPCB – Sikkim</p>	<p>Continuous process</p>
		<p>In the above data it has been mentioned that 350-360 Kg/day BMW is generated while only 300 Kg/day is treated. Hence, there is a gap in the adequacy of facilities to treat BMW.</p> <p>How is the remaining 50-60 kg of BMW being treated?</p>			<p>Timeline</p>
3.	Tracking of BMW	<p>No gaps</p>	<p>Currently all BMW generated in HCFs undergo captive treatment within the facility itself. The implementation of Barcode system is currently not required. The same shall be implemented once the CBWTF is established &amp; operational.</p>	<p>Department of Health &amp; Family Welfare</p>	<p>Continuous process</p>

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4.	Awareness and education of health care staff	No gaps	Capacity Building, awareness and training has been conducted for all healthcare workers to ensure proper management of BMW in the HCFs including COVID19 waste.	Department of Health & Family Welfare, SPCB – Sikkim	Continuous process. Training is conducted every year.
5.	Adequacy of funds	Fund allocation has been specified in Action plan	Fund allocation has been specified in Action plan	Department of Health & Family Welfare	Continuous process
6.	Compliance to Rules by HCFs and CBWTFs	Committee formed	Specified in Action plan	Department of Health & Family Welfare	Continuous process
			Elaboration of the said action plan		
7.	District Level Monitoring Committee	Committee formed along with Advisory body	Formation of the committee and advisory body notified by State Government	Department of Health & Family Welfare	Continuous process
8.	Waste water Treatment	Required as due to lack of space, no ETPs have been set up.	Preparation of action plan has been communicated to implementing department. Proposal for installation in other district hospitals have been initiated.	Department of Health & Family Welfare	Continuous process.
					Timeline

**Note: Action Plan on Bio-Medical Waste Management for the State of Sikkim (2019) has been attached as Annexure III**



**(v) Hazardous Waste Management****a. Current status related to Hazardous Waste Management**

Major source of hazardous waste (HW) is pharmaceutical industries and facilities located in the district, who are required to be regulated under Water (P&CP) Act 1974, Air (P&CP) Act 1981 and Environment (P) Act, 1986 and the Hazardous & Other Wastes (Management & Transboundary Movement) Rules, 2016 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. However, since no CHWTSDF has been established in the state, the SPCB-Sikkim has initiated agreements & facilitated transport & disposal of HW generated in the state to TSDF & recycling plants in West Bengal and Cement Plants in Assam, Meghalaya, Chattisgarh and Jharkhand

**a. HW details**

Details of Data Requirement	Present Status
No. of Industries generating HW	8
Quantity of HW in the district	
(i) Quantity of incinerable HW	1068.132 MT
(ii) Quantity of land-filled HW	Nil
(iii) Quantity of Recyclable / utilizable HW	9.44 MT
No of captive/common TSDF	Nil
Contaminated Sites or probable contaminated sites	Nil

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

S.No	Action points	Identification of gaps	Action plan	Responsible agency	Timeline for completion of action plan
1.	Regulation of industries and facilities generating Hazardous Waste	Completed	NA	SPCB	Complied
2.	Establishment of collection centers	None	All HW generated in the state is transported to: 1. West Bengal Waste Management	SPCB-Sikkim, Occupier	Complied

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			<p>Ltd., Haldia, West Bengal for incineration;                  2. Calcom Cement, Assam for co-processing;                  and                  3. Kundu Refinery, West Bengal for recycling                  4. M/s Hill Cement Ltd., Meghalya for coprocessing                  5.M/s Nilay Narayan Polychem LLP, Jharkhand, for co-processing;                  6.M/s Ambuja Cements Ltd., Chhattisgarh for coprocessing</p>		
3.	Training of workers involved in handling / recycling / disposal of HW	None	<p>The SPCB – Sikkim during grant of authorisation ensures that the Emergency Response Procedure has been prepared by the occupier. It has also been specified in the Specific conditions of the authorisation to ensure safety of the people handling HW, procure spillage kits and provide PPEs. Compliance to the provisions of the Hazardous Waste (Management &amp; Transboundary Movement)</p>	SPCB-Sikkim, Department of Labour, Occupier	Complied



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			Rules, 2016 and authorisation is verified in every inspection conducted by SPCB officials.		
4.	Availability / Linkage with common TSDF or disposal facility	No gaps.	All HW generated in the state is transported to : 1. West Bengal Waste Management Ltd., Haldia, West Bengal for incineration; 2. Calcom Cement, Assam for co-processing; and 3. Kundu Refinery, West Bengal for recycling 4. M/s Hill Cement Ltd., Meghalya for coprocessing 5. M/s Nilay Narayan Polychem LLP, Jharkhand, for coprocessing; 6. M/s Ambuja Cements Ltd., Chhattisgarh for co-processing.	SPCB-Sikkim, Occupier	Complied
5.	Contaminated Sites	No gaps	No area in the State of Sikkim has been listed in the 112 Contaminated sites and 168 Probable contaminated sites in the country	SPCB-Sikkim	Action not necessary

**(vi) E-Waste Management****a. Current status related to E-Waste Management**

Details of Data Requirement	Present Status
Inventory of E-Waste	<p>5921 nos. (Should be mentioned in MT/Year) in 2020-2021</p> <p>*A total of 100 items from 4 departments have been disposed off at the e-waste Collection centre at GMC in the year 2021-22*</p> <p>*A total of 500 items from 35 departments have been disposed off at the e-Waste collection at GMC in the year 2022-23*</p>
Collection centers established by ULBs in the District	1
Collection centers established by Producers or their PROs	2 under verification by SPCB
No authorized E-Waste recyclers /Dismantler	None in the state. Sent to J.S. Pigments, West Bengal.

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

S. No.	Action points	Gaps in implementation	Action Plan	Responsible agency	Timeline for completion of action plan
1	Inventory / Generation of E-Waste / Bulk-waste generators	Inventory preparation has been delayed as many of the bulk consumers do not provide information	Information Education & Communication (IEC) Plan from Information Technology Department is awaited for completion of inventory.	Information Technology Department with SPCB	The Department has notified an e-waste disposal guidelines vide Notification No: 545/DIT/15 dated: 02/12/2014 wherein all the Government Departments were advised to dispose the e-waste in the

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					Gangtok Municipal Corporation after verification from the Department of Information Technology, Government of Sikkim. Enclosed the copy of the e-waste Notification.
		<b>Timeline for completion</b>			
2	E-Waste collection points	Till date 2 collection center shave been set up by producers through PROs in the district for implementation of EPR. Verification of the same is under process with SPCB.	Licensing authorities have been directed to prepare inventory of authorized dealers in order to implement the EPR provisions of the E-waste Management Rules, 2016.	Gangtok Municipal Council & Singtam Nagar Panchayat, UDD.	<b>Timeline</b>
3	Linkage among Stakeholders to channelize E-Waste	Till date 2 collection centres have been set up by producers through PROs in the district for Implementation of EPR. Verification of the same is under process with SPCB.	All e-waste generated in the state is transported to authorized recycling centre, M/s J.S. Pigments located in West Bengal.	Gangtok Municipal Council & Singtam Nagar Panchayat, UDD.	
4.	Regulation of Illegal E-Waste recycling /dismantling	No such action has been observed or reported till date.	Regular monitoring by District Administration/U DD/RDD/SPCB	DA UDD RDD SPCB	Regular activity.

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5	Integration of informal sector	All e-waste generated in the state is collected and transported to authorized recycling facility. Informal sector for the same is not practiced in the state.	IEC plan is awaited from IT Department, Govt. of Sikkim.	UDD RDD	
6	Awareness and Education	None <b>Are there any programs at district level for awareness about E-waste management?</b>	Conducted by SPCB-Sikkim in coordination with UDD, RDD, MSME, NIELIT, Krishi Vigyan Kendra and District Authorities.	DA UDD RDD SPCB	Regular activity.
		<b>Contradicting statement</b>			

**(vii) 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./PS Uagency: - Operated by Industry:	- 1 no. nearing completion by <b>October 2021</b> (Old status/ Give 2024 data) - nil
Number of manual monitoring Stations operated by SPCBs	2 nos. at Gangtok & Singtam
Name of towns/cities which are failing to comply with national ambient air quality stations	None

No of air pollution industries	66 not including DG sets
Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln]/ [Industrial Estate]/[Others](Multiple selection)	Industrial units, Vehicular Emission, Dust arising from construction, Stone Crusher Units, Hot Mix Plants, DG Sets.

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

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S. No.	Action points	Indicative Action Plan	Responsible agency	Timeline for completion of action plan
1.	Identification of prominent air polluting sources?	Inventorization of air pollution source in the district.	SPCB in coordination with District Administration Forest & Environment Department	1 year.
		Statement unclear whether inventory has been made or not as no proper timeline		Timeline with year
2.	Ambient Air quality data?	Ambient air quality data available in the website: <a href="http://www.spcb.sikkim.gov.in">www.spcb.sikkim.gov.in</a>	SPCB	Regular activity.
3.	Setting up of Continuous Ambient Air Quality Monitoring Station	A CAAQMS station is nearing completion in Gangtok	SPCB with District Administration	October 2021
		Old status/ Give 2024 data		Old status
4.	District Level Action Plan for Air Pollution	District Level Action Plan shall be prepared as per the guidelines of CPCB and MoEF&CC.	SPCB in coordination with District Administration	1 Year
		No proper timeline		
5.	Hotspots of air pollution in District	Burning of waste (agricultural & solid) has been banned vide Notification No. 191/FEWMD dated 05/01/2015. In case of non-compliances byelaws have been notified for imposition of fine from GPU level	SPCB in coordination with District Administration	1 Year

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6.	Awareness on Air Quality	Air quality index of the State is readily available in the website: <a href="http://www.spcb.sikkim.gov.in">www.spcb.sikkim.gov.in</a> . Further planning shall be done for more awareness. Public Grievance Portal available at District Administration and SPCB website.	District Adm. & SPCB	Regular activity
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**(viii) Water Quality Management****a. Current status related to Water Quality Management**

<b>Details of Data Requirement</b>	<b>Present Status</b>
Rivers	67 / 472.20 km (Names and length of each river in Km)
Length of Coastline(if any)	NA
Nalas/Drains/Creeks meeting Rivers	13(in Gangtok) Inventory under process for the 2 ULBs
Lakes/Ponds	234.2575
Total Quantity of sewage from towns and cities in District	20.86 MLD (4 nos. of STPS having 20.20 MLD capacities for Gangtok City and 1 No. of STP having 0.66 MLD capacity for Singtam Town under PHED)
Quantity of industrial waste water	1.776 MLD
Percentage of untreated sewage	NIL
Details of bore wells and number of permissions given for extraction of groundwater	11
Groundwater polluted areas If any	NIL
Polluted river stretches (if any)	Adarsh Gaon to Melli in the Melli-Chungthang polluted stretch; Namli to Singtam Stretch in Rani Chu polluted Stretch; Adampool to Burtukstretch in Maney khola polluted stretch.

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

<b>S. No.</b>	<b>Action points</b>	<b>Gaps and Action Plan</b>	<b>Responsible agency</b>	<b>Timeline for completion of action plan</b>
1.	Inventory of water bodies	Inventory of water bodies is being monitored by Department of Forest & Environment.  SPCB-Sikkim conducts regular monitoring of river water quality under the NWMP	Department of Forest & Environment, SPCB-Sikkim, Department of Water Resources & River Development, Department of Public Health & Engineering	Continuous activity

		<p>programme and the analyzed data is available in the SPCB website.</p> <p>River Rejuvenation Committee has been notified as the State Nodal agency to ensure compliance to the environmental norms and monitor the actions of the implementing departments.</p> <p>RRC is also undertaking the Inventory of water bodies.</p> <p>Gangtok City and Singtam Town Water supply system falls under PHE Department. Gangtok city and surrounding areas for drinking water supply is tapped from Rateychu river located at an altitude of 2500 meter. The distance between Rateychu river to WTP Selep is about 15 km. raw water received at WTP Selep from Rateychu river is treated at dedicated existed water testing laboratory at WTP Selep and potable water is being supplied to existing 19 (Nineteen) Zonal Tanks in and around Gangtok city which further providing potable water to the</p>		
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		<p>public of Gangtok city and surroundings areas through distribution pipeline system. Moreover, the dedicated water supply is being provided to STNM Hospital and Manipal Hospital including very important state Government institutions. The capacity of WTP with Reservoir Tanks is 42MLD at WTP Selep. Singtam water supply is tapped from Simana Khola and Sangchu Khola. The distance between raw water tapping source and WTP Singtam is about 7km. The raw water is treated at WTP Singtam with a capacity of 4.5 MLD and potable water is being supplied through Reservoir Tanks having capacity Of 9 (Nine) Lakh Liter to 4 (four) Zonal Tanks and further to the public of Singtam town and surrounding areas. The dedicated water supply is being provided to Singtam Hospital. PHE Department has dedicated manpower for maintenance and operation of water supply system.</p>		
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		<p>Whether environmental monitoring cell exists or not?</p> <p>If not, action plan for constitution of environmental monitoring cell.</p>		
2.	Quality of water bodies in the district	Conducted by SPCB-Sikkim	SPCB-Sikkim	Continuous activity
		<p>Details of monitoring activity conducted by SPCB</p> <p>Frequency of monitoring</p> <p>Website where the data can be accessed</p> <p>Sampling points considered for monitoring</p>		
3.	Hotspots of water contamination	RRC has been setup and report for delisting of the 4 identified river stretches has been submitted to the CPCB.	Department of Forest & Environment, SPCB-Sikkim, Department of Water Resources & River Development	Continuous activity
		No proper timeline		Timeline
4.	Protection of river/lake waterfront	Action plan prepared and bye laws have also been notified for Implementation.	District Administration, SPCB, UDD, RDD, Forest & Environment	Continuous activity
		Elaboration of action plan		

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5.	Inventory of sources of water pollution	Prepared	Forest & Environment, SPCB	Continuous activity
		More details		
6.	Oil spill disaster management(for coastal districts)	N/A	N/A	N/A
7.	Protection of flood plains	N/A	N/A	N/A
		Action plan for flood plain encroachment protection		
8.	Rejuvenation of groundwater	Ground water abstraction for domestic purposed is not practiced in the district. Industrial units who have installed bore wells have obtained NOC from Central Ground Water Authority (CGWA)	Department of Forest & Environment, Department of Water Resources & River Development, CGWA	Continuous activity
		Action plan for rain water harvesting		
9	Complaint's redressal system	Available at District Administration and SPCB-website	District Administration & SPCB	Continuous activity

**(ix) Domestic Sewage**

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

Details of Data Requirement	Present Status
No of Class-I towns and above	1
No of Class-II towns and above	NIL
No of Towns STPs installed	5 (Gangtok city and Singtam Town)
No of Towns needing STPs	1 – Gangtok Zone III (Under construction for Tathangchen area – 3.25MLD)
No of ULBs having partial underground Sewerage network	5(Gangtok city and Singtam Town)
No of towns not having sewerage network	NIL
Total Quantity of Sewage generated in District from Class II cities and above	20.86 MLD (Gangtok and Singtam)
Quantity of treated sewage flowing into Rivers(directly or indirectly)	12.52 MLD (60% only)
Quantity of untreated or partially treated sewage(directly or indirectly)	NIL
Quantity of sewage flowing into lakes	NIL
Total available Treatment Capacity	20.86 MLD

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

S. No.	Action points	Gaps and Action plan	Responsible agency	Timeline for completion of action plan
1	Sewage Treatment Plants (STPs)	STPs have been setup in all 2 ULBs of the District. 1 (one) additional STP Gangtok Zone is under commissioning and is to be completed by December 2024	Public Health & Engineering Department	2024
2	Underground sewerage network	Available. PHE Department is in process of covering all uncovered Households and Commercial Establishments to underground Sewerage Network in and around Gangtok city and Singtam town. One additional STP is required for future projected population of Gangtok city and Singtam town. (As per the Gram Sabha meeting held in the GPUs in 2021, soak pit for grey water management is to be constructed in every household fall under Rural areas).	Public Health & Engineering Department	2024

**Note: Action Plan prepared by PHE Department enclosed as Annexure IV**

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District Environment Plan [*Gangtok District*]  
**(x) Industrial Wastewater Management**

**a. Current status related to Industrial Waste water Management**

Number of Red, Orange, Green and White industries in the District	Red – 2(HEP) Orange- 8
No of Industries discharging Waste water	NIL
Total Quantity of industrial waste water generated	0.308 MLD
Quantity of treated industrial waste water discharged into Nalas/Rivers	NIL
Common Effluent Treatment Facilities	NIL
No of Industries meeting Standards	8
No of Industries not meeting discharge Standards	NIL

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

S. No.	Action points	Gaps and Action plan	Responsible agency	Time line for completion of action plan
1.	Compliance to Discharge norms by Industries	Industrial units namely pharmaceutical industries have installed Online Continuous Effluent Monitoring System as per the directions of the SPCB so that real time compliance to pollution parameters can be verified remotely. Industries of various categories are inspected by SPCB on timely basis as specified by the CPCB category wise viz. Red, Orange, Green. Zero liquid discharge is to be maintained in all water based industries in the state. CCTV is installed in all storm water outlets of the pharmaceutical industries and footage is submitted to SPCB on weekly basis. Third Party Environmental	Department of Forest & Environment, SPCB	Continuous activity

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		Monitoring is conducted on quarterly basis by NABL accredited laboratories under supervision of SPCB and the reports are submitted as well.		
2.	Complaint redressal system	Available at District Administration website and SPCB Sikkim Website.	District Administration & SPCB-Sikkim	Continuous activity

**(xi) Mining Activity Management Plan**

**a. Current status related to Mining Activity Management**

Details of Data Requirement	Existing Mining Operations
Type of Mining Activity	Temporary collection of loose boulders, sand & stone
No. of licensed Mining operations in the district	70
% Area covered under mining in the district	
Area of Sand Mining	964 sq. km
Area of sand Mining	River reserves

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

S. No.	Action points	Gaps and Action plan	Responsible agency	Timeline for completion
1.	Monitoring of Mining activity	District Expert Appraisal Committee has been formed.	Department of Mines & Geology	Continuous activity
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.	Department of Mines & Geology	
		Same as template.  Whether there is any illegal sand mining activity in the district  Whether district level task force has been constituted in the district		Timeline

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		Surveillance/ patrolling activities done in the district		
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.	Department of Mines & Geology	
		Same as template.		

(xii) 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 the district	SPCB Sikkim – 3 nos

b. Identification of gaps and action plan

S. No.	Action points	Gaps and Action plan	Responsible agency	Timeline for completion of action plan
1.	Availability of Sound/Noise Level Meters	Procurement of Sound/Noise Level Meters in process	District Administration, Police Department & SPCB-Sikkim	3 months
		Above statement mentions availability of 3 Noise level meters  Also check whether concerned agencies that is ULBs, SHOs, Traffic police and SPCB/PCC have noise level meters.		
2.	Ambient Noise Level monitoring	Various sensitive zones such as protected areas, hospitals, etc. have been declared as silent zones. Noise monitoring during festival	UDD, District Administration, Police Department &	6 months

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		season is conducted by SPCB-Sikkim.	SPCB-Sikkim	
		Also mention whether Fixed Ambient Noise Level Monitoring Stations have been installed in the district.		
3.	Signboards in Noise zones	District administration may ensure that adequate number of sign boards installed at sensitive zones in towns and cities. An action plan may be prepared by district authority.	District Administration	
		Same as template  Whether sign boards have been installed or not		
4.	Complaint Redressing System	Redressal portal has been set up in District Administration & SPCB website.	UDD, District Administration, Police Department & SPCB-Sikkim	

Note: State Action Plan for Control of Noise pollution enclosed as annexure

**Annexure 1**  
**GOOGLE FORMAT**  
**INFORMATION OF SEWER AND SEPTIC TANK SANITATION WORKERS & PRIVATE**  
**SANITATION SERVICE ORGANIZATIONS(PSSO) IN THE ULB.**  
**FOR THE SCHEME**  
**National Action for Mechanized Sanitation Ecosystem (NAMASTE)**

Name of State	<b>SIKKIM</b>	Name of District	<b>GANGTOK</b>	Name of ULB:	<b>SINGTAM NAGAR PANCHAYAT</b>
				ULB Code:	<b>801422</b>

**1. City Profile:**

1.1 Total Population of ULB	<b>6850</b>
1.2 Number of Households(HH) in the ULB	<b>1540</b>



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1.3 Number of HH connected with Septic Tank	<b>1265</b>
1.4 Number of HH Covered with Sewers	<b>275</b>
1.5 Sewer coverage in the ULB in (Km)	<b>2.5KM</b>
1.6 Number of Equipment/Vehicle for sewers and Septic tank cleaning in the ULB	
Number of Sewer Line Cleaning bucketing Machine	
Number of Jetting Machine	
Number of Suction Machine	
Number of Jetting cum Suction machine	
Number of deep suction combined machine	
Number of manual hand operated grab bucket	
Any other (Number)	

1. Please provide information on the Single Point of Contact (SPOC) for NAMASTE implementation.

1.1 Name: .....

1.2 Designation: .....

2.3 Contact Information:

2.3.1 Mobile: .....

2.3.2. Landline with STD code: .....

2.3.3 Email: .....

3. Has the ERSU been formed in the ULB/District a) Yes b) No

4. Number of Private Sanitation Service Organization (PSSO) employed by the ULB:.....

4.1 Number of other private agencies engaged in cleaning sewer and septic tanks:

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5. Number of Sanitation workers engaged in?

<b>Job Role</b>	<b>Number of workers engaged by ULB</b>	<b>Number of workers engaged by PSSO</b>
a. Cleaning of Septic tank		
b. Sewer Line Cleaning and Maintenance		