

## District Environment Plan of District Fatehabad, Haryana



**District Administration**

**Deputy Commissioner, Fatehabad**

**Office: Mini Secretariat**

**DC Office, Fatehabad**

**E-Mail: [dcftb@hry.nic.in](mailto:dcftb@hry.nic.in)**

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### **Background**

Hon'ble National Green Tribunal in order dated 26.09.2019 in O.A. No. 360/2018, M.A. No. 823/2018[SLP (Civil) No. 2959/2014] titled as Shree Nath Sharma Vs Union of India & Ors ordered regarding preparation of District Environment Plan. This Tribunal in O.A. No. 606/2018, while dealing with the compliance of Municipal Solid Waste Management Rules, 2016 also flagged other issues and required monitoring at the level of the Chief Secretaries and the District Magistrates.

In the above said order dated 26.09.2019, it is stated that among others

*12. The Department of Environment of all States and Union Territories may collect such District Environment Plans of their respective States and finalize the 'State Environment Plan' covering the specific thematic areas referred in Para-7 including information as contained in Para-8 and template of Model/Models District Environment Plan provided by the CPCB. The action for preparation of State's Environment Plan shall be monitored by the respective Chief Secretaries of States and Administration of UTs. Let this action be completed by 15.12.2019 and compliance be reported to the Tribunal by 31.12.2019.*

*13. Based on States and UTs Environment Plans, MoEF & CC and CPCB shall prepare country's Environment Plan accordingly. Let the Secretary, MoEF & CC and Chairman, CPCB steer the preparation of country's Environment Plan. Let their action be completed by 31.01.2020 and compliance be reported to the Tribunal by 15.02.2020.'*

Hon'ble NGT, New Delhi also referred to order dated 15.07.2019 in O.A. No.710/2017, Shailesh Singh vs. Sheela Hospital & Trauma Centre, Shahjahanpur & Ors. directing as follows:

*"We find it necessary to add that in view of Constitutional provisions under Articles 243 G, 243 W, 243 ZD read with Schedules 11 and 12 and Rule 15 of the Solid Waste Management Rules, 2016, it is necessary to have a District Environment Plan to be operated by a District Committee (as a part of District Planning Committee under Article 243 ZD) with representatives from Panchayats, Local Bodies, Regional Officers, State PCB and a suitable officer representing the administration, which may in turn be chaired and monitored by the District Magistrate. Such District Environment Plans and Constitution of District Committee may be placed on the website of Districts concerned. The monthly report of monitoring by the District Magistrate may be*

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*furnished to the Chief Secretary and may be placed on the website of the district and kept on such websites for a period of one year. This may be made operative from 1.08.2019. Compliance of this direction may also be seen by the Chief Secretaries of the States/UTs. This may not only comply with mandate of law but provide an institutional mechanism for effective monitoring of environment norms."*

Hon'ble National Green Tribunal in O.A. No. 360/2018 dated 26.09.2019 ordered regarding preparation of District Environment Plan/State Environment. In the above said order, it is also stated that the action for preparation of state's Environment Plan shall be monitored by the respective Chief Secretaries of the state and admiration of the Union Territories. Based on the state and UTs Environment Plans, MoEF & CC & CPCB shall prepare country's Environment Plan. In this regard, Director, Environment & Climate Change Department, Haryana directed to all District Magistrates & Regional Officers of HSPCB for preparation of District Environment Plan (DEP) as per the orders of Hon'ble NGT with covering specific thematic areas as referred in para no. 7 of said NGT orders dated 26.09.2019 vide his Memo No. DEH/2020/6021-56 dated 06.01.2020. Plan shall be covering the specific thematic areas as mentioned below: -

The District Environmental plans cover the following environmental issues:

- ❖ Municipal Solid Waste Management
- ❖ Plastic Waste Management
- ❖ Construction and Demolition Waste (C&D)
- ❖ Biomedical Waste Management
- ❖ Hazardous Waste Management
- ❖ E-Waste Management
- ❖ Water Quality Management Plan
- ❖ Domestic Sewage Management Plan including Status of STPs and their performance & Utilization/Re-used of treated effluent
- ❖ Industrial Wastewater Treatment and its Utilization and Management Plan including Status of CETPs/ETPs
- ❖ Air Quality Management Plan
- ❖ Mining Activity Management
- ❖ Noise Pollution Management

### Objectives of District Environment Plan:-

In the process of development, the issues confronting today are achieving desired development for economic or social reasons on one hand and safeguarding the environment and maintaining good quality of life on the other. While taking up developmental activities, the assimilative capacities of the environmental components i.e. air; water and land to various types of pollution are rarely considered. Also, lack of proper land use control is resulting in poor land use compatibility. The developmental activities being haphazard and un-controlled are leading to overuse, congestion, incompatible land use and poor living conditions. The problems of environmental pollution are becoming complex and are creating high risk environment.

Conventionally, the environmental pollution problems are solved by introducing environmental management techniques such as control of pollution at source, providing of sewage treatment facilities etc. However, environmental risks are not being controlled completely by such solutions. The environmental aspects are to be induced into each of the developmental activities at the planning stage itself and are to be well co-ordinate and balanced.

Presently, the environmental aspects are not usually considered while preparing master plans or regional plans and the process is skewed towards developmental needs. For all developmental activities, a crucial input is land and depending on the activity a specific land use is decided. The environmentally related land use such as trade and industry, housing construction, mining etc. is likely to have some impact on the environment. These land uses need proper planning and integration as some of the activities have interdependencies such as industry with transport, housing etc. The various Objectives of District Environment and Management Plan (DEMP) are described below: -

1. To ensure conservation of environment and natural resources at district level.
2. Restore ecological balance.
3. To achieve the Sustainable Development Goals and district level targets within the prescribed timeline.
4. To ensure sustainability at district level following the principles of resource efficiency.
5. To ensure decentralized micro level planning, execution and monitoring regarding environment conservation.

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6. To incorporate all facets of environmental conservation in micro level planning.
7. To harness active participation of all stakeholders in planned environment conservation actions.
8. Assess, Mitigate and monitor adverse impacts of various pollution sources at district level.
9. Capacity building of stakeholder, department, agencies, organizations and individuals at district level to understand and implement micro level environmental conservation actions.
10. To harness inter-departmental coordination for implementation of action plans.
11. To develop local knowledge centers and expertise for developing environmental conservation strategies at district level.
12. To develop and implement micro monitoring system at district level.

### **Monitoring Mechanism for implementation of District Environment Plan:-**

The District Environment Committees have been constituted in compliance with the directions of Hon'ble NGT and orders of the Secretary, Environment & Climate Change, Govt. of India in pursuance of the direction thereof. The District Environment Plans have been prepared in each district in the State by involving the stakeholder Departments after conducting workshops and under the supervision of District Environment Committee (DEC) headed by the Deputy Commissioner concerned. District Environment Plans (DEPs) comprising various issues & timelines for management of Solid Waste, Domestic Waste, Plastic Waste, C&D Waste, Biomedical Waste, Hazardous Waste, Air Pollution, E-Waste, Water Quality, Industrial Waste Water, Mining Activity and Noise Pollution etc.

The implementation of the DEP requires coordinated efforts of multiple stakeholders and focus on priorities. This would require close monitoring. The District Environment Monitoring Committee has been constituted by Deputy Commissioner, Fatehabad and constitution of the committee is as under-

Deputy Commissioner	Chairman
Additional Deputy Commissioner	Co-Chairman

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Commissioner in case of Municipal Corporation & District Municipal Commissioner	Member
Chief Executive Officer, Zila Parishad	Member
Superintending Engineer, PWD (B&R)	Member
Superintending Engineer, PHED	Member
Superintending Engineer, Irrigation Department	Member
Chief Medical Officer, Health Department	Member
Estate Officer, HSIIDC	Member
District Mining Officer	Member
District Forest Officer	Member
Deputy Superintendent of Police (HQ)	Member
Regional Officer, HSPCB	Member Secretary
Deputy Commissioner	Chairman
Additional Deputy Commissioner	Co-Chairman
Commissioner in case of Municipal Corporation & District Municipal Commissioner	Member
Chief Executive Officer, Zila Parishad	Member
Superintending Engineer, PWD (B&R)	Member
Superintending Engineer, PHED	Member
Superintending Engineer, Irrigation Department	Member
Chief Medical Officer, Health Department	Member
Estate Officer, HSIIDC	Member
District Mining Officer	Member
District Forest Officer	Member
Deputy Superintendent of Police (HQ)	Member



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Regional Officer, HSPCB	Member Secretary
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**Roles and responsibilities of the Committee:** - The roles and responsibilities of the above said committee will be as under:-

- The Committee shall review the district environment plans and give the suggestions/comments on DEP, if any.
- The Committee shall meet once in a month and review the status of implementation of DEP.
- The Committee shall submit its monthly reports regarding monitoring of DEP to District Environment Committee and make suggestions too.
- The Committee shall also visit the sites once in three months to check the implementation of DEP on ground.
- The Committee shall ensure the active participation of each department and inter-departmental coordination for implementation of DEP.
- The Committee shall take measures for effective enforcement of prohibited activities under DEP.
- The Committee shall prepare a detailed road map for activities for capacity building of stakeholder, departments, agencies, organizations and to build awareness & outreach among public to understand and implement micro level environmental conservation actions.

## CHAPTER-1

## DISTRICT PROFILE

The district derives its name from the eponymous headquarters town founded by Firoz Shah Tughlak in the 14th century. He named it after his son Fateh Khan, as Fatehabad. The Fatehabad district was carved out of Hisar district on 15/07/1997. The climate of the district is of tropical type with intensively hot summer and cool winter, with a temperature of 47°C in June and 2 °C in December and January. The average rainfall of the district is 400 mm. The average annual rainfall in the district is 395.6 mm. The rainfall increases generally from the west towards the east and varies from 339.1 mm at Fatehabad to 428.4 mm at Hisar. About 71 percent of the annual normal rainfall is received during the short south-west monsoon period, July to September, July and August being the rainiest months. Fatehabad district is connected by road with Punjab, Delhi and Sirsa district. A network of metalled roads link all its villages and towns. National Highway No.9 connects Fatehabad with Delhi and Punjab.

### **District Administrative Set-up**

The district comprises of 245 villages. Fatehabad district is administratively divided as follow:

District	Sub Division	Tehsil	Blocks
Fatehabad	1. Fatehabad 2. Ratia 3. Tohana	1. Fatehabad 2. Tohana 3. Ratia 4. Bhattu Kalan 5. Bhunna 6. Kulan 7. Jakhal	1. Fatehabad 2. Tohana 3. Ratia 4. Bhattu Kalan 5. Bhunna 6. Kulan Jakhal 7. Nagpur

#### **a. Local institutions**

The district comprises of 5 Urban Local Bodies as enlisted below:

Sr. No.	Urban Local bodies
1	Municipal council, Fatehabad
2	Municipal Council, Tohana
3	Municipal Committee, Ratia
4	Municipal Committee, Jakhal
5	Municipal Committee, Bhuna

Besides these Fatehabad District has 245 Gram Panchayats.

#### **b. Natural Resources**

- c. The district is traversed by a good network of canal for irrigation purposes but area irrigated by canal is only 68000 hectare i.e. 19% of the total irrigated area. The main canals in the area which feed the various distributaries, minors, sub-minors & field channels (water courses) of Bhakra Main Line and

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Fatehabad Distributory which partly irrigate southern part of the district and leaves Fatehabad to irrigate parts of Hisar district. Canals in the area are source of recharge to nearby area to enable tubewells to sustain in the area where water is saline. These canals have southwesterly to westerly course and irrigate Central and Southwestern parts of the district. Total length of the Bhakra Main Line and Fatehabad W/S can system is around 1037.22 km. these canals covers canal command area of approximately 554097 acre. Besides, the area is also drained by the artificial and natural drains, which are used to drain surface runoff. Main drains of the area are Rangoi Nala, Rangoi diversion, Gorakhpur drain, Gorakhpur Link drain, Unchu drain, Matkana drain, Peripheri drain, Joyanala which are kuchha drain. Some drains are lined drain like Mahammadpur Pucca drain, Badopal Link drain, Kirdhan Link drain, Bhattu Link drain. Surface water being used is for the purpose of irrigation ad drinking in different part of district. Surface water is the lifeline of drinking water supply for the areas having serious problems of drinking water either due to salinity or Fluoride concentration.

### **Geography & Demography**

The district has predominantly plain topography and is located 234 meters above mean sea level and having a gentle slope towards south-westerly direction. The district area falls in Yamuna sub-basin of Ganga basin. There is no natural drainage in the district area. However, the area is drained by network of canals and the artificial drains (field drains/channels). These artificial drains are mainly confined in Bass, Hansi-I, Narnaund and Barwala blocks. There are a total of 39 drains existing in the area, which run for a distance of 126.25 km. The area is irrigated by shallow tube wells and network of Bhakra Canal Systems and Western Yamuna Canal Systems.

The type of soil is an important factor for the growth of plants and crops in any area. The soil system has various criteria to classify the soils of a region such as geology, humidity, rainfall pattern, soil texture, soil salinity etc.

In 2011, Fatehabad had population of 942,011 of which male and female were 495,360 and 446,651 respectively. In 2001 census, Fatehabad had a population of 806,158 of which males were 427,862 and remaining 378,296 were females. There was change of 16.85 percent in the population compared to population as per 2001. In the previous census of India 2001, Fatehabad District recorded increase of 24.76 percent to its population compared to 1991.

#### **d. Land Use Pattern:**

Fatehabad district is one of the major contributors of agricultural production. Out of the total area of .27 lakh hectares, 4.04 lakh (94.6%) is cultivable area. 53.4% of the farmers are small and marginal with land holding up to 2 hectares, irrigated/un-irrigated. 14.6% of the total area holding is with these farmers. About 58% of the

total area is covered under wheat crop and 50.5% is under cotton crops. The net irrigated area is 90% to the net cultivated area. 78.4% of irrigation is through the Bhakra canal.

**e. Climate:**

The climate of Fatehabad district can be classified as tropical steppe, semi-arid and hot which is mainly dry with very hot summer and cold winter except during monsoon season when moist air of oceanic origin penetrates into the district. There are four seasons in a year. The hot weather season starts from mid-March to last week of the June followed by the south-west monsoon, which lasts up to September. The transition period from September to October forms the post-monsoon season. The winter season starts late in November and remains up to first week of March to last week of the June followed by the south-west monsoon, which lasts up to September. The transition period from September to October forms the post-monsoon season. The winter season starts late in November and remains up to first week of March.

The normal annual rainfall of the district is 416 mm which is unevenly distributed over the area. Normal Rainy days in a year are 23. The south west monsoon sets in from last week of June and withdraws in end of September, contributing about 81% of annual rainfall. July and August are the wettest months. Rest 19% rainfall is received during non-monsoon period in the wake of western disturbances and thunderstorms. Generally, rainfall in the district increases from southwest to northeast. Mean Maximum Temperature is 41.6°C (May & June) and Mean Minimum Temperature is 5.5 °C (January).

**CHAPTER-2 INDICATIVE GAP ANALYSIS AND ACTION PLANS FOR COMPLYING WITH WASTE MANAGEMENT RULES**

**(i) Solid Waste Management**

As mentioned earlier Fatehabad District has 5 ULBs. The Solid Waste Management details of each ULB is as under:

Sr. No.	Urban Local bodies	No of Wards	No of Households	Solid Waste Generated per day (TPD)
1	Municipal Council, Fatehabad	25	24212	31.38
2	Municipal Council, Tohana	23	16180	28.31
3	Municipal Committee, Ratia	17	8046	16
4	Municipal Committee, Bhuna	15	7050	13.38
5	Municipal Committee, Jakhal	13	3270	5.25

**A. Municipal Council Fatehabad**

**a. Current status related to solid Waste management**

<b>Performa for the Compliance of District Environment Plan.</b>			
Sr. No	Details to be Filled	Status	Remarks
	Name of the ULB:	Municipal Council Fatehabad	
	Name of the Nodal Officer:	Sh. Rishikesh Verma Executive Officer	
	Contact No :	09992390006	
1	<b>Total No. of Wards</b>	25	
2	<b>Total No. of Households</b>	24212	
3	<b>Total Waste Generated (in TPD)</b>	31.38	
4	<b>Door to Door Collection of solid waste</b>	100%	
4.1	Total No. of households covered under Door to Door Collection of solid waste	24212	
4.2	Total No. of wards covered under Door to Door Collection of solid waste	25	
4.3	% age of door to door collection of solid waste achieved	100%	
4.4	Gap to achieve 100% Door to Door collection	Nil	
4.5	If there is gap, then Timeline to achieve 100% Door to Door collection	NA	
5	<b>Source Segregation of solid waste</b>		
5.1	Total No. of households covered under source segregation of solid waste	13060	
5.2	Total No. of wards covered under source segregation of solid waste	15	
5.3	% age of source segregation of solid	54 %	

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	waste achieved		
5.4	Gap to achieve 100% Segregation	46 %	
5.5	If there is gap, then Timeline to achieve 100% Segregation	31.12.2021	
<b>6.</b>	<b>Litter Bins</b>		
<b>6.1</b>	<b>Tick the Correct and Provide the Details as required: -</b>		
6.1.1	* Bin free Residential area Whether Litter Bins still exist in residential area	Yes	
6.2	No. of Litter Bins required in Commercial places and public places (as per SBM Guidelines)	60	
6.3	. No. of Litter Bins installed in Commercial areas and _ public Places . Mechanism adopted to ensure segregation of solid waste at litter Bins sites in commercial areas and public places and its further transportation	50  Mechanism: Compartmentalization with color scheme has been done by MC Fatehabad for wet & dry waste. Litter bins emptied on daily basis and garbage collected and transported at Dumpsite/Processing site.	In Commercial and Public Places
<b>7.</b>	<b>Separate Transportation</b>		
7.1	No. of vehicles required for the collection and transportation of solid Waste.	13	
7.2	No. of vehicles available with the ULB for collection and transportation of solid waste along with percentage.	13	
7.3	Gap, if any	Nil	
7.4	If there is gap, then Timeline to achieve the gap.	NA	
7.5	No. of 'compartmentalized vehicles along with percentage.	13	
7.6	Gap to achieve 100% compartmentalized vehicles.	Nil	
7.7	If there is gap, then Timeline to Ref achieve 100% compartmentalized vehicles.	NA	
7.8	No. of vehicles with GPS for the collection and transportation of solid waste along with percentage.	13	
7.9	Gaps to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	Nil	
7.10	If there is gap, then Timeline to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	NA	
<b>8</b>	<b>Solid Waste Processing</b>		
8.1	Total amount of solid waste generated within the ULB	31.38 TPD	
8.2	Quantity of wet waste generated (in TPD)	18.80 TPD	
8.3	Quantity of dry waste generated (in TPD)	12.58 TPD	
8.4	Whether Processing of dry waste is done or not. (If Yes, mechanism adopted	Yes, Dry Waste segregated at Material Recovery facility and	

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	for the same)	further channelized to authorized vendors	
8.4.1	Quantity of dry Waste processed (in TPD) along with percentage	4 TPD , (32%)	
8.4.2	Gap in processing of Dry Waste.	68%	
8.4.3	If there is a Gap, then Timelines to achieve 100% Processing of dry waste	31.12.2021	
8.5	<b>Construction of MRFs</b>		
8.5.1	Number of MRFs required in MC.	0	
8.5.2	How many MRFs are available within the ULB	1	
8.5.3	Gap , if any	Nil	
8.5.4	If there a Gap, then timelines to achieve the Gap	NA	
8.5.5	Capacity of available MRFs	12 TPD	
8.6	Quantity of wet Waste processed (in TPD) along with percentage	4 TPD (21%)	
8.6.1	Gap in processing of Wet waste.	79%	
8.6.2	If there is a Gap, then Timeline to achieve 100% Processing of wet waste	31.12.2021	
8.6.3	Number of compost pits required for processing of total wet waste of ULB	50	
	Number of compost pits provided for processing of wet waste	25	
	Timelines for construction of remaining compost pits	31.12.2021	
8.6.4	Kindly mention any other mode for treatment of wet waste	Windrow system	
8.7	Whether there is proposal to setup Integrated Scientific Solid Waste Management facility.	Yes	
8.7.1	If yes mention timelines.	31.03.2022	
8.7.2	Month wise progress.	Will be submitted after notification	
8.7.3	Status of issuance of authorization under SWM Rules-2016.	Will be issued after notification	
8.8	Quantity of total solid waste processed (dry waste processing + wet waste processing) (in TPD) along with percentage.	4 + 4 TPD (25%)	
<b>10</b>	<b>C&amp;D Waste</b>		
10.1	Quantity of C&D waste generated (in TPD)	1.5	
10.2	Mechanism for proper collection, transportation, processing and disposal of C&D Waste.	Yes, one Tractor- Trolley has deputed for collection and transportation of C&D waste from source to dumpsite.	MC Fatehabad will search for suitable location for installation C&D waste processing site for construction of tiles, construction raw material etc form C&D waste.
10.3	Whether separate site for storage of C&D waste has been identified of not. (If Yes, Kindly Mention the details of the site)	Yes, 3 Acre land has been identified for C&D waste collection or filling of low-lying area at Near Tulshi Das Chwok ward no 1.	

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10.4	If the storage site is identified, please as confirm if it is notified	Yes, Notified and advertise in news papers.	
10.5	Whether processing of C&D waste is done or not (If Yes, mechanism adopted for the same)	No, Municipality is using C&D waste for filling of low-lying area. MC Fatehabad is searching for suitable location for installation C&D waste processing site for construction of tiles, construction raw material etc form C&D waste.	
10.6	Details of machinery installed for Processing of C & D waste	Not installed yet and searching for suitable location for installation of plant and machineries for same.	
10.7	Kindly explain end use of recycled products generated from C_ &_D processing plant	Municipality is using C&D waste for filling of low-lying area. C&D waste will be used for tiles, bricks and dust formation for compensate to requirement of construction raw material.	
10.8	Status of clearance of old dumping sites along the road side and water Bodies	Through one No. of tractor trolley C&D waste from road side collected for disposal at dumpsite.	
10.9	No. of approvals granted of waste management plans submitted by waste generators before construction starts.	Approval for construction actives being granted as per provision mention by-laws and C&D waste rules 2016	
<b>11</b>	<b>Plastic waste and other solid waste Challans</b>		
11.1	No. of recyclers registered	0	
11.2	No. of Challans issued (during the last three months)	0	
11.2.1	No. of Challans issued for selling/use of Plastic carry bags or single use plastic items by the shops/ individuals	0	
11.2.1.1	Amount of fine (in Rs.) imposed on   the violators	0	
11.2.1.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.2	No. of Challans issued for littering of plastic waste	7 Nos	
11.2.2.1	Amount of fine (in Rs.) imposed on the violators	700	
11.2.2.2	Amount of fine (in Rs.) collected from the violators	700	
11.2.3	No. of Challans issued for burning of plastic waste	0	
11.2.3.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.3.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.4	No. of Challans issued for littering of other solid waste	0	
11.2.4.1	Amount of fine (in Rs.) imposed on Lees the violators	0	
11.2.4.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.5	No. of Challans issued for burning of other solid waste	0	



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11.2.5.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.5.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.6	Total Amount of fine collected (in Rs.) for selling/use of plastic carry bags or single use plastic items by the shops/ individuals, burning of plastic waste, littering of plastic waste, burning of other solid waste and littering of other — solid waste(during the last three months)	700	
<b>12</b>	<b>Bulk Waste Generators (BWGs) processing of solid waste</b>		
12.1	Total No. of BWGs Identified . With 100 Kg and above solid waste/day. . with 50 Kg to 100 kg solid waste/day.	1 1 0	
12.2	Quantity of solid waste generated by the identified BWGs (in TPD)	0.1 TPD	
12.3	Total No. of BWGs processing waste within their premises along with percentage.	Nil	
12.4	Total No. of BWGs processing waste outside their premises along with percentage	1 (100%)	
12.4.2	Gap in 100% processing of waste by BWGs within or outside their Premises	Nil	
12.4.3	If there is a Gap, then timeline to achieve 100% processing done by BWGs within or outside their premises	NA	
12.5	Recovery and fine/penalty mechanisms on those BWGs who are not processing the waste either within their premises or outside their premises	Fine will be imposed after giving Show cause Notice	
12.6	Amount of fine/penalty recovered (in Rs.)	0	
12.7	Kindly confirm whether BWGs have signed' an agreement with ULB (MC) for delivering of dry waste to MC with suitable user charges	No	
<b>13</b>	<b>Preventing solid waste from entering into water bodies</b>		
13.1	Detailed Information of Mechanism Adopted (wire-mesh, etc.)	Not applicable because no such Nallah / Drain in the Jurisdiction of MC Limit moreover covered sewage system is provided.	
13.2	Drains/ nallahs within Municipal limits (Responsibility of Municipality/ MC)	Nil	
13.2.1	Name of drains/nallahs where steps have been completed to prevent entering of solid waste	NA	
13.2.2	Name of drains/nallahs where steps have not been completed to prevent entering of solid waste	NA	
13.3	Drains/nallahs — outside Municipal	NA	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

	limits (Responsibility of Rural development & Panchayat department)		
13.3.1	Name of drains/nallahs where steps have been completed to prevent entering of solid waste	NA	
13.3.2	Name of drains/nallahs where steps have not been completed to prevent entering of solid waste	NA	
<b>14</b>	<b>User fees</b>		
14.1	Whether User Fee has been notified or not. (If Yes, kindly provide the Notification)	Yes, Notification notified in various NEWS Papers on dated 13.04.2020, 25.05.2020 and 29.08.2020.	
14.2	No. of households where User Fee has been prescribed	10000	
14.3	No. of Wards where User Fee has been prescribed	15	
14.4	How much recovery is done and what: are the adopted mechanisms	Rs. 110000	
<b>15</b>	<b>Garbage Vulnerable Points (GVPs)</b>		
15.1	No. of GVPs Identified	20	
15.2	* No. of GVPs removed  * Steps taken to convert the 15.2 vacated places after removing GVPs_ into sitting places, playgrounds, parks, gardens or any other useful usages	20  After elimination of garbage vulnerable point (GVPs) wall Painting was done .	
15.3	Timelines to remove the pending GVPs	Already Removed	
<b>16</b>	<b>Citizen Grievance Redressal</b>		
16.1	No. of complaints registered (in one month)	15	
16.2	No. of complaints redressed	15	
16.3	Action taken, if complaints are not Redressed	NA	
<b>17</b>	<b>Legacy waste treatment</b>		
17.1	* Location and area under legacy waste dump site  * Quantity of legacy waste dumped at the dumpsite (MT)  °Status of boundary wall and green belt around the legacy waste dump site	5 KM distance from Municipal Council Fatehabad, all Legacy waste stored at Bighar road Village Matana Fatehabad.  60000 MT  Yes	
17.2	Treatment of legacy waste  * Steps taken for treatment of legacy waste and completion date of the project  * Steps taken for treatment of leachate and final disposal of	Yes  31.03.2022  Establish compact STP at site	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

	treated leachate		
17.3	Quantity of by-products recovered during treatment of legacy waste (MT),	42011 MT	
	a) Soil enriched material	26192 MT	
	b) RDF recovered	4211 MT	
	c) C&D material recovered	6750 MT	
	d) Inert material produced	4858 MT	
<b>18</b>	<b>Information Education &amp; Communication activities (IEC) for awareness of the public</b>		
18.1	No. of awareness activities for segregation of solid waste and storage of segregated solid waste at source in different bins, home composting, biogas generation, hand over segregated waste to waste pickers, payment of user fee etc. and number of participants participated in these awareness activities and workshops/trainings. Kindly provide details of such activities conducted during the last three months.	5 Quarterly  Door to door awareness is going on in all wards through deputed saksham yuva in all wards. Flex has installed in every wards. Meeting of RWAs, NGOs and market association has been taken by ULB Fatehabad time to time.	
<b>19</b>	<b>On-site composting of horticulture waste in Parks &amp; Institutions</b>		
19.1	No. of parks within Municipal limits	24	
19.1.1	No. of compost pits required in Parks.	48	
19.1.2	No. of compost pits provided in the parks	28	
19.1.3	Gap, if any	20	
19.1.4	Timelines to complete 100% parks with compost pits or any other mode of treatment of wet waste.	31.12.2021	
19.2	No. of Institutes in the city	10	
19.2.1	No. of   institutes doing on_ site Composting	0	
19.2.2	Timelines to complete 100% institutes with compost pits or any other mode of treatment of wet waste	31.12.2021	

### b. Identification of gaps and Action plan:

S. No.	Action points for town municipalities / City Corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1.</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	46%	To achieve segregation at source. Awareness programs, incentives, penalties/fine etc. will be done.	MC Fatehabad	31.12.2021

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	100 % Length of the roads are covered for regular manual sweeping, There is No Gap in Manpower for Sweeping Operation Equipment are available for sweeping operation i.e. Trollies, Try Cycles , etc.	Target Archived for Cleaning by mechanism: 1. Collection, Segregation, and Transportation of waste from Door to Door of Households. 2. Sweeping initiated Twice in a day in Commercial areas and once in a day in residential areas.	MC Fatehabad	Already achieved
(ii)	Mechanical Road Sweeping & Collection	100%, Mechanical Road Sweeping Machine not available.	Mechanical Road Sweeping Machine hiring process in progress.	MC Fatehabad	31.12.2021
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No gap, 100% collection of solid waste done.	Will Maintain and further improve existing collection system.	MC Fatehabad	Already achieved
(ii)	Arrangement for door-to-door collection	No gap, 13 vehicles have been deployed for 100% of door-to-door collection	Will Maintain and further improve existing system.	MC Fatehabad	Already achieved
(iii)	Waste Collection trolleys with separate Compartments	No gap, 13 Tata Ace with 100 % separate compartment for solid waste collection from door to door.	Will Maintain and further improve existing system.	MC Fatehabad	Already achieved
(iv)	Mini Collection Trucks with separate compartments	No gap, 13 Tata Ace with 100 % separate compartment for solid waste collection from door to door.	Will Maintain and further improve existing system.	MC Fatehabad	Already achieved
(v)	Waste Deposition Centres (for domestic hazardous wastes)	01, One deposition centre required to be established. However Separate dustbin in	One deposition centre will be established.	MC Fatehabad	31.12.2021

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

		all auto tippers.			
<b>4.</b>	<b>Waste Transport</b>				
(i)	Review existing infrastructure for waste Transport.	05	05 new Fleets will be arranged for transportation of waste.	MC Fatehabad	31.03.2022
(ii)	Bulk Waste Trucks	04	04 Bulk Waste Trucks will be arranged.	MC Fatehabad	31.03.2022
(iii)	Waste Transfer points	Not applicable as No waste relay Point	No waste relay Point	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)	1 (100% Gap)	MC Fatehabad is having only 1 BWG and Direction has been issued to this BWG for On-site composting, if failure in this process then BWG will be penalized by MC Fatehabad.	MC Fatehabad	31.12.2021
(ii)	Wet-waste Management: Facility(ies) for central Bio methanation /Composting of wet waste.	Additional 1 No. of wet waste processing units is required to be established.	Already existing system will be maintained and 1 No. of new compost plant will be installed for processing of wet waste.	MC Fatehabad	31.03.2022
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	1 MRF is already there and Additional 1 Nos of Material Recovery Facility is required to be established.	1 Nos Material Recovery Facility will be installed for processing of dry waste.	MC Fatehabad	31.03.2022
(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	1 Sanitary landfill required.	1 Sanitary landfill will be developed.	MC Fatehabad	31.03.2022

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

(v)	Remediation of historic/legacy dumpsite	20000 MT (30 %) Waste is still pending at Old dumpsite and remediation work is in progress at dumpsite.	A. Contract for legacy waste processing is given to a private agency. Remediation work is in progress at dumpsite.	MC Fatehabad	31.03.2022
(vi)	Involvement of NGOs	No Gap, 2 NGOs Already involved.	2 NGOs Already involved will be maintained.	MC Fatehabad	Already achieved
(vii)	EPR of Producers: Linkage with Producers / Brand Owners.	No Producer /Brand Owner Engaged.	Producer /Brand Owner to be registered. However, some waste is going through Authorized channel partner of EPR Brand Owners i.e. Lead Acid Batteries, E waste, Plastic Waste etc.	MC Fatehabad	31.03.2022
(viii)	Authorization of Waste Pickers	No Gap, 07 Rag Pickers already registered.	Existing system will be maintained.	MC Fatehabad	Already achieved
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap, Bye Laws already prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Fatehabad	Already achieved

### B. Municipal Council, Tohana

#### a. Current status related to solid Waste management

Performa for the Compliance of District Environment Plan.			
Sr. No	Details to be Filled	Status	Remarks
	Name of the ULB:	Municipal Council, Tohana	
	Name of the Nodal Officer:	Sh. Mahavir Singh Secretary	
	Contact No :	9896048048	
1	<b>Total No. of Wards</b>	23	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

2	<b>Total No. of Households</b>	16180	
3	<b>Total Waste Generated (in TPD)</b>	28.31	
4	<b>Door to Door Collection of solid waste</b>		
4.1	Total No, of household covered under a Door to Door Collection of solid waste	8086	
4.2	Total No. of wards covered under Door to Door Collection of solid waste	17	
4.3	% age of door to door collection of solid waste achieved	50%	
4.4	Gap to achieve 100% Door to Door collection	50%	
4.5	If there is gap, then Timeline to achieve 100% Door to Door collection	31.12.2021	
5	<b>Source Segregation of solid waste</b>		
5.1	Total No. of household covered under source segregation of solid waste	4032	
5.2	Total No. of wards covered under source segregation of solid waste	5	
5.3	% age of source segregation of solid waste achieved	25%	
5.4	Gap to achieve 100% Segregation	75%	
5.5	If there is gap, then Timeline to achieve 100% Segregation	31.03.2022	
6.	<b>Litter Bins</b>		
6.1	<b>Tick the Correct and Provide the Details as required: -</b>		
6.1.1	* Bin free Residential area Whether Litter Bins still exist in residential area	Yes	
6.2	No. of Litter Bins required in Commercial places and public places (as per SBM Guidelines)	50 Nos	
6.3	. No. of Litter Bins installed in Commercial areas and _ public Places . Mechanism adopted to ensure segregation of solid waste at litter Bins sites in commercial areas and public places and its further transportation	50 Nos  Litter bins emptied on daily basis and garbage collected and transported at Dumpsite/Processing site.	
7.	<b>Separate Transportation</b>		
7.1	No. of vehicles required for the collection and transportation of solid Waste.	10	
72	No. of vehicles available with the ULB for collection and	6	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

	transportation of solid waste along with percentage.		
7.3	Gap, if any	4	
7.4	If there is gap, then Timeline to achieve the gap.	31.12.2021	
7.5	No. of compartmentalized vehicles along with percentage.	6 (60%)	
7.6	Gap to achieve 100% compartmentalized vehicles.	4(40%)	
7.7	If there is gap, then Timeline to Ref achieve 100% compartmentalized vehicles.	31.12.2021	
7.8	No. of vehicles with GPS for the collection and transportation of solid waste along with percentage.	6	
7.9	Gaps to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	4(40%)	
7.10	If there is gap, then Timeline to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	31.12.2021	
<b>8</b>	<b>Solid Waste Processing</b>		
8.1	Total amount of solid waste generated within the ULB	28.31 TPD	
8.2	Quantity of wet waste generated (in TPD)	17 TPD	
8.3	Quantity of dry waste generated (in TPD)	11.31 TPD	
8.4	Whether Processing of dry waste is done or not. (If Yes, mechanism adopted for the same)	Yes, Dry Waste segregated at Material Recovery facility and further channelized to authorized vendors	
8.4.1	Quantity of dry Waste processed (in TPD) along with percentage	3 TPD , (27%)	
8.4.2	Gap in processing of Dry Waste.	73%	
8.4.3	If there is a Gap, then Timelines to achieve 100% Processing of dry waste	31.12.2021	
8.5	Construction of MRFs		
8.5.1	Number of MRFs required in MC.	2	
8.5.2	How many MRFs are available within the ULB	1	
8.5.3	Gap , if any	50%	
8.5.4	If there a Gap, then timelines to achieve the Gap	31.12.2021	
8.5.5	Capacity of available MRFs	10 TPD	
8.6	Quantity of wet Waste processed (in TPD) along with percentage	2 TPD (12%)	



## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

8.6.1	Gap in processing of Wet waste.	88 %	
8.6.2	If there is a Gap, then Timeline to achieve 100% Processing of wet waste	31.03.2022	
8.6.3	Number of compost pits required for processing of total wet waste of ULB	40	
	Number of compost pits provided for processing of wet waste	20	
	Timelines for construction of remaining compost pits	31.03.2022	
8.6.4	Kindly mention any other mode for treatment of wet waste	Windrow system	
8.7	Whether there is proposal to setup Integrated Scientific Solid Waste Management facility.	Yes	
8.7.1	If yes mention timelines.	31.03.2022	
8.7.2	Month wise progress.	Will be submitted after notification	
8.7.3	Status of issuance of authorization under SWM Rules-2016.	Will be issued after notification	
8.8	Quantity of total solid waste processed (dry waste processing + wet waste processing) (in TPD) along with percentage.	2+ 3 TPD (18%)	
<b>10</b>	<b>C&amp;D Waste</b>		
10.1	Quantity of C&D waste generated (in TPD)	1.5	
10.2	Mechanism for proper collection, transportation, processing and disposal of C&D Waste.	Yes, one Tractor- Trolley has deputed for collection and transportation of C&D waste from source to dumpsite.	MC Tohana is searching for suitable location for installation C&D waste processing site for construction of tiles, construction raw material etc form C&D waste.
10.3	Whether separate site for storage of C&D waste has been identified of not. (If Yes, Kindly Mention the details of the site)	Yes, Baba Buta Shah basti near railway line ward no.-1	
10.4	If the storage site is identified, please as confirm if it is notified	Yes, Notified and advertise in news papers.	
10.5	Whether processing of C&D waste is done or not (If Yes, mechanism adopted for the same)	Yes, Municipality is using C&D waste for filling of low-lying area. MC Tohana is searching for suitable location for installation C&D waste processing site for construction of tiles, construction raw material etc form C&D waste.	
10.6	Details of machinery installed for Processing of C & D waste	Not installed yet and searching for suitable location for installation of plant and machineries for same.	
10.7	Kindly explain end use of recycled	Municipality used of C&D waste as	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

	products generated from C_ &_D processing plant	filling of low-lying area. C&D waste will used for tiles, bricks and dust formation for compensate to requirement of construction raw material.	
10.8	Status of clearance of old dumping sites along the road side and water bodies	Through one tractor trolley. C&D waste from road side collected for disposal at dumpsite.	
10.9	No. of approvals granted of waste management plans submitted by waste generators before construction starts.	Approval for construction actives being granted as per provision mention by-laws and C&D waste rules 2016	
<b>11</b>	<b>Plastic waste and other solid waste Challans</b>		
11.1	No. of recyclers registered	0	
11.2	No. of Challans issued (during the last three months)	0	
11.2.1	No. of Challans issued for selling/use the of Plastic carry bags or single use plastic items by the shops/ individuals	3	
11.2.1.1	Amount of fine (in Rs.) imposed on   the violators	1500	
11.2.1.2	Amount of fine (in Rs.) collected from the violators	1500	
11.2.2	No. of Challans issued for littering of plastic waste	0	
11.2.2.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.2.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.3	No. of Challans issued for burning of plastic waste	0	
11.2.3.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.3.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.4	No. of Challans issued for littering of other solid waste	0	
11.2.4.1	Amount of fine (in Rs.) imposed on Lees the violators	0	
11.2.4.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.5	No. of Challans issued for burning of other solid waste	0	
11.2.5.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.5.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.6	Total Amount of fine collected (in  Rs.) for selling/use of plastic carry bags or single use plastic items by the shops/ individuals, burning of plastic waste, littering of plastic waste, burning of other solid waste and littering of other — solid waste(during the last three months)	1500	
<b>12</b>	<b>Bulk Waste Generators (BWGs) processing of solid waste</b>		

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

12.1	Total No. of BWGs Identified . With 100 Kg and above solid waste/day. . with 50 Kg to 100 kg solid waste/day.	1  1	
12.2	Quantity of solid waste generated by the identified BWGs (in TPD)	100 Kg	
12.3	Total No. of BWGs processing waste within their premises along with percentage.	0	
12.4	Total No. of BWGs processing waste outside their premises along with percentage	0	
12.4.2	Gap in 100% processing of waste by BWGs within or outside their premises	100%	
12.4.3	If there is a Gap, then timeline to achieve 100% processing done by BWGs within or outside their premises	31.03.2021	
12.5	Recovery and fine/penalty mechanisms on those BWGs who are not processing the waste either within their premises or outside their premises	0	
12.6	Amount of fine/penalty recovered (in Rs.)	0	
12.7	Kindly confirm whether BWGs have signed' an agreement with ULB (MC) for delivering of dry waste to MC with suitable user charges	No	
<b>13</b>	<b>Preventing solid waste from entering into water bodies</b>		
13.1	Detailed Information of Mechanism Adopted (wire-mesh, etc.)	All drainage system and sewerage system is totally covered by PHED. And the cleaning is done by PHED.	
13.2	Drains/ nallahs within Municipal limits (Responsibility of Municipality/ MC)	6	
13.2.1	Name of drains/nallahs where steps have been completed to prevent entering of solid waste	At all Six	
13.2.2	Name of drains/nallahs where steps have not been completed to prevent entering of solid waste	Nil	
13.3	Drains/nallahs — outside Municipal limits (Responsibility of Rural development & Panchayat department)	Nil	
13.3.1	Name of drains/nallahs where steps have been completed to prevent entering of solid waste	NA	
13.3.2	Name of drains/nallahs where steps have not been completed to prevent entering of solid waste	NA	
<b>14</b>	<b>User fees</b>		
14.1	Whether User Fee has been notified	Yes, Notification notified	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

	or not. (If Yes, kindly provide the Notification)		
14.2	No. of households where User Fee has been prescribed	1000	
14.3	No. of Wards where User Fee has been prescribed	10	
14.4	How much recovery is done and what: are the adopted mechanisms	Rs 20000	
<b>15</b>	<b>Garbage Vulnerable Points (GVPs)</b>		
15.1	No. of GVPs Identified	16	
15.2	* No. of GVPs removed  * Steps taken to convert the 15.2 vacated places after removing GVPs_ into sitting places, playgrounds, parks, gardens or any other useful usages	16  After elimination of garbage vulnerable point (GVPs) were converted to wall painting.	
15.3	Timelines to remove the pending GVPs	Already Removed	
<b>16</b>	<b>Citizen Grievance Redressal</b>		
16.1	No. of complaints registered (in one month)	15	
16.2	No. of complaints redressed	15	
16.3	Action taken, if complaints are not Redressed	NA	
<b>17</b>	<b>Legacy waste treatment</b>		
17.1	* Location and area under legacy waste dump site  * Quantity of legacy waste dumped at the dumpsite (MT)  °Status of boundary wall and green belt around the legacy waste dump site	Municipal Council Tohana has Legacy waste stored at Baba Buta Shah colony Railway Line.  10000 MT  Yes	
17.2	Treatment of legacy waste  * Steps taken for treatment of legacy waste and completion date of the project  * Steps taken for treatment of leachate and final disposal of treated leachate	No  Tender in process will be completed by 31.03.2022  NA	
17.3	Quantity of by-products recovered during treatment of legacy waste (MT), a) Soil enriched material  b) RDF recovered  c) C&D material recovered  d) Inert material produced	Will be done by 31.03.2022	
<b>18</b>	<b>Information Education &amp; Communication activities (IEC) for awareness of the public</b>		

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

18.1	No. of awareness activities for segregation of solid waste and storage of segregated solid waste at source in different bins, home composting, biogas generation, hand over segregated waste to waste pickers, payment of user fee etc. and number of participants participated in these awareness activities and workshops/trainings. Kindly provide details of such activities conducted during the last three months.	5 Quarterly  Awareness activities for segregation of solid waste and storage of segregated solid waste at source in different bins, home composting.	
<b>19</b>	<b>On-site composting of horticulture waste in Parks &amp; Institutions</b>		
19.1	No. of parks within Municipal limits	10	
19.1.1	No. of compost pits required in Parks.	20	
19.1.2	No. of compost pits provided in the parks	10	
19.1.3	Gap, if any	10	
19.1.4	Timelines to complete 100% parks with compost pits or any other mode of treatment of wet waste.	31.12.2021	
19.2	No. of Institutes in the city	10	
19.2.1	No. of institutes doing onsite Composting	0	
19.2.2	Timelines to complete 100% institutes with compost pits or any other mode of treatment of wet waste	31.12.2021	

### b. Identification of gaps and Action plan:

S. No.	Action points for town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1.</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	25% Area not segregating Waste at Source	To achieve segregation at source. Awareness programs, incentives, penalties/fine etc. will be done.	MC Tohana	31.03.2022
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	No Gap, 100 % Length of the roads are covered for regular manual sweeping, There is No Gap in Manpower for	Target Archived for Cleaning by mechanism: 1. Collection, Segregation, and Transportation of	MC Tohana	Already achieved

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

		Sweeping Operation Equipment are available for sweeping operation i.e. Trolleys ,Try Cycles , etc.	waste from Door to Door of Households. 2. Sweeping initiated Twice in a day in Commercial areas and once in a day in residential areas.		
(ii)	Mechanical Road Sweeping & Collection	There is not required Mechanical Sweeping	100 % Length of the roads are covered for regular manual sweeping.	MC Tohana	Already Achieved
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	55% area is not covered.	Door to door collection, segregation and processing tender has been opened but still rate approval is pending from HQ.	MC Tohana	31.03.2022
(ii)	Arrangement for door-to-door collection	4 More Tata Ace required for door to door collection.	4 More Tata Ace will be arranged for door to door collection.	MC Tohana	31.03.2022
(iii)	Waste Collection trolleys with separate compartments	1 more waste collection trolleys with separate compartment for solid waste collection required.	1 more waste collection trolleys with separate compartment for solid waste collection will be arranged.	MC Tohana	31.03.2022
(iv)	Mini Collection Trucks with separate compartments	3 more waste collection auto tippers with separate compartment required	3 more waste collection auto tippers with separate compartment will be arranged.	MC Tohana	31.03.2022
(v)	Waste Deposition Centers (for domestic hazardous wastes)	01, One deposition centre required to be established. However Separate dustbin in all auto tippers.	One deposition centre will be established.	MC Tohana	31.03.2022
<b>4.</b>	<b>Waste Transport</b>				

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

(i)	Review existing infrastructure for waste Transport.	3 more vehicles required for transportation of waste	3 more vehicles will be arranged for transportation of waste	MC Tohana	31.03.2022
(ii)	Bulk Waste Trucks	1 more bulk waste truck required for transportation of waste	1 more bulk waste truck will be arranged for transportation of waste	MC Tohana	31.03.2022
(iii)	Waste Transfer points	Not applicable as No waste relay Point	No waste relay Point	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)	1 (100% Gap)	MC Tohana is having only 1 BWG and Direction has been issued to BWG for On-site composting if failure in this process then BWG penalized by MC Tohana.	MC Tohana	31.03.2022
(ii)	Wet-waste Management: Facility for central Bio methanation/Composting of wet waste.	50%, 1 More Composting Facility required.	1 More Composting Facility will be made.	MC Tohana	31.03.2022
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	50%, 1 Nos Material Recovery Facility	1 Nos Material Recovery Facility will be installed for dry waste.	MC Tohana	31.03.2022
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	1 Sanitary landfill required.	1 Sanitary landfill will be developed.	MC Tohana	31.03.2022
(v)	Remediation of historic/legacy dumpsite	10000 MT (100%)	Tender process in progress for Remediation of Legacy waste.	MC Tohana	31.03.2022
(vi)	Involvement of NGOs	No Gap, 2 NGOs Already involved.	2 NGOs Already involved will be maintained.	MC Tohana	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	No Producer /Brand Owner Engaged.	Producer /Brand Owner to be registered. However, some waste is going	MC Tohana	31.03.2022

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

			through Authorized channel partner of EPR Brand Owners i.e. Lead Acid Batteries, E waste, Plastic Waste etc.		
(viii)	Authorization of Waste Pickers	No gap, 110 Nos of Rag picker engaged in segregation and disposal of dry waste	110 Nos of Rag picker engaged will be retained for segregation and disposal of dry waste.	MC Tohana	Already achieved
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap, Bye Laws already prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Tohana	Already achieved

### C. Municipal Committee Jakhal

#### a. Current status related to solid Waste management

Performa for the Compliance of District Environment Plan.			
Sr. No	Details to be Filled	Municipal Committee, Jakhal Mandi	Remarks
	Name of the ULB:	Sh. Saurabh Jain Secretary	
	Name of the Nodal Officer:	09996613540	
	Contact No :	13	
1	<b>Total No. of Wards</b>	3210	
2	<b>Total No. of Households</b>	5.25	
3	<b>Total Waste Generated (in TPD)</b>	Municipal Committee, Jakhal Mandi	
4	<b>Door to Door Collection of solid waste</b>		
4.1	Total No, of household covered under a Door to Door Collection of solid waste	3210	
4.2	Total No. of wards covered under Door to Door Collection of solid waste	13	
4.3	% age of door to door collection of solid waste achieved	100%	
4.4	Gap to achieve 100% Door to Door collection	Nil	
4.5	If there is gap, then Timeline to achieve 100% Door to Door collection	Already Achieved	



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<b>5</b>	<b>Source Segregation of solid waste</b>		
5.1	Total No. of household covered under source segregation of solid waste	1650	
5.2	Total No. of wards covered under source segregation of solid waste	9	
5.3	% age of source segregation of solid waste achieved	50%	
5.4	Gap to achieve 100% Segregation	50%	
5.5	If there is gap, then Timeline to achieve 100% Segregation	31.12.2021	
<b>6.</b>	<b>Litter Bins</b>		
6.1	<b>Tick the Correct and Provide the Details as required: -</b>		
6.1.1	* Bin free Residential area Whether Litter Bins still exist in residential area	Yes	
6.2	No. of Litter Bins required in Commercial places and public places (as per SBM Guidelines)	50	
6.3	. No. of Litter Bins installed in Commercial areas and _ public Places . Mechanism adopted to ensure segregation of solid waste at litter Bins sites in commercial areas and public places and its further transportation	50	Litter bins emptied on daily basis and garbage collected and transported at Dumpsite/Processing site.
<b>7.</b>	<b>Separate Transportation</b>		
7.1	No. of vehicles required for the collection and transportation of solid Waste.	4	
7.2	No. of vehicles available with the ULB for collection and transportation of solid waste along with percentage.	4	
7.3	Gap, if any	Nil	
7.4	If there is gap, then Timeline to achieve the gap.	NA	
7.5	No. of 'compartmentalized vehicles along with percentage.	4	
7.6	Gap to achieve 100% compartmentalized vehicles.	Nil	
7.7	If there is gap, then Timeline to Ref achieve 100% compartmentalized vehicles.	NA	
7.8	No. of vehicles with GPS for the collection and transportation of solid waste along with percentage.	4	
7.9	Gaps to achieve 100% vehicles with GPS for the collection and	Nil	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

	transportation of solid waste.		
7.10	If there is gap, then Timeline to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	NA	
<b>8</b>	<b>Solid Waste Processing</b>		
8.1	Total amount of solid waste generated within the ULB	5.25 TPD	
8.2	Quantity of wet waste generated (in TPD)	3.15 TPD	
8.3	Quantity of dry waste generated (in TPD)	2.1 TPD	
8.4	Whether Processing of dry waste is done or not. (If Yes, mechanism adopted for the same)	Yes, Dry Waste segregated at Material Recovery facility and further channelized to authorized vendors	
8.4.1	Quantity of dry Waste processed (in TPD) along with percentage	1 TPD , (50%)	
8.4.2	Gap in processing of Dry Waste.	50%	
8.4.3	If there is a Gap, then Timelines to achieve 100% Processing of dry waste	31.12.2021	
8.5	Construction of MRFs	1	
8.5.1	Number of MRFs required in MC.	1	
8.5.2	How many MRFs are available within the ULB	0	
8.5.3	Gap , if any	100%	
8.5.4	If there a Gap, then timelines to achieve the Gap	31.12.2021	
8.5.5	Capacity of available MRFs	Nil	
8.6	Quantity of wet Waste processed (in TPD) along with percentage	1 TPD (50%)	
8.6.1	Gap in processing of Wet waste.	50%	
8.6.2	If there is a Gap, then Timeline to achieve 100% Processing of wet waste	31.12.2021	
8.6.3	Number of compost pits required for processing of total wet waste of ULB	50	
	Number of compost pits provided for processing of wet waste	10	
	Timelines for construction of remaining compost pits	31.12.2021	
8.6.4	Kindly mention any other mode for treatment of wet waste	Windrow system	
8.7	Whether there is proposal to setup Integrated Scientific Solid Waste Management facility.	Yes	
8.7.1	If yes mention timelines.	31.03.2022	
8.7.2	Month wise progress.	Will be submitted after notification	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

8.7.3	Status of issuance of authorization under SWM Rules-2016.	Will be issued after notification	
8.8	Quantity of total solid waste processed (dry waste processing + wet waste processing) (in TPD) along with percentage.	(1+1) TPD, 45%	
<b>10</b>	<b>C&amp;D Waste</b>		
10.1	Quantity of C&D waste generated (in TPD)	0.5	
10.2	Mechanism for proper collection, transportation, processing and disposal of C&D Waste.	Yes, one Tractor- Trolley has deputed for collection and transportation of C&D waste from source to dumpsite.	MC Jakhal Mandi is searching for suitable location for installation C&D waste processing site for construction of tiles, construction raw material etc form C&D waste.
10.3	Whether separate site for storage of C&D waste has been identified of not. (If Yes, Kindly Mention the details of the site)	Yes, Near Railway Line Jakhal Mandi .	
10.4	If the storage site is identified, please as confirm if it is notified	Yes, Notified and advertise in news papers.	
10.5	Whether processing of C&D waste is done or not (If Yes, mechanism adopted for the same)	Municipality used of C&D waste as filling of low-lying area. MC Jakhal Mandi will searching for suitable location for installation C&D waste processing site for construction of tiles, construction raw material etc form C&D waste.	
10.6	Details of machinery installed for Processing of C & D waste	Not installed yet and searching for suitable location for installation of plant and machineries for same.	
10.7	Kindly explain end use of recycled products generated from C_ &_D processing plant	Municipality used of C&D waste as filling of low-lying area. C&D waste will used for tiles, bricks and dust formation for compensate to requirement of construction raw material.	
10.8	Status of clearance of old dumping sites along the road side and water bodies	Through one No. of tractor trolley C&D waste from road side collected for disposal at dumpsite.	
10.9	No. of approvals granted of waste management plans submitted by waste generators before construction starts.	Approval for construction actives being granted as per provision mention by-laws and C&D waste rules 2016	
<b>11</b>	<b>Plastic waste and other solid waste Challans</b>		

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11.1	No. of recyclers registered	0	
11.2	No. of Challans issued (during the last three months)	0	
11.2.1	No. of Challans issued for selling/use of Plastic carry bags or single use plastic items by the shops/ individuals	2	
11.2.1.1	Amount of fine (in Rs.) imposed on   the violators	1000	
11.2.1.2	Amount of fine (in Rs.) collected from the violators	1000	
11.2.2	No. of Challans issued for littering of plastic waste	0	
11.2.2.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.2.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.3	No. of Challans issued for burning of plastic waste	0	
11.2.3.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.3.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.4	No. of Challans issued for littering of other solid waste	0	
11.2.4.1	Amount of fine (in Rs.) imposed on Lees the violators	0	
11.2.4.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.5	No. of Challans issued for burning of other solid waste	0	
11.2.5.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.5.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.6	Total Amount of fine collected (in  Rs.) for selling/use of plastic carry bags or single use plastic items by the shops/ individuals, burning of plastic waste, littering of plastic waste, burning of other solid waste and littering of other — solid waste (during the last three months)	1000	
<b>12</b>	<b>Bulk Waste Generators (BWGs) processing of solid waste</b>		
12.1	Total No. of BWGs Identified . With 100 Kg and above solid waste/day. . with 50 Kg to 100 kg solid waste/day.	No Bulk Waste Generator in MC Jakhal	
12.2	Quantity of solid waste generated by the identified BWGs (in TPD)	NA	
12.3	Total No. of BWGs processing waste within their premises along with percentage.	NA	
12.4	Total No. of BWGs processing waste outside their premises along with percentage	NA	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

12.4.2	Gap in 100% processing of waste by BWGs within or outside their premises	NA	
12.4.3	If there is a Gap, then timeline to achieve 100% processing done by BWGs within or outside their premises	NA	
12.5	Recovery and fine/penalty mechanisms on those BWGs who are not processing the waste either within their premises or outside their premises	NA	
12.6	Amount of fine/penalty recovered (in Rs.)	NA	
12.7	Kindly confirm whether BWGs have signed' an agreement with ULB (MC) for delivering of dry waste to MC with suitable user charges	NA	
<b>13</b>	<b>Preventing solid waste from entering into water bodies</b>		
13.1	Detailed Information of Mechanism Adopted (wire-mesh, etc.)	All drainage system and sewerage system is totally covered by PHED. And the cleaning is done by PHED.	
13.2	Drains/ nallahs within Municipal limits (Responsibility of Municipality/ MC)	2	
13.2.1	Name of drains/nallahs where steps have been completed to prevent entering of solid waste	2	
13.2.2	Name of drains/nallahs where steps have not been completed to prevent entering of solid waste	Nil	
13.3	Drains/nallahs — outside Municipal limits (Responsibility of Rural development & Panchayat department)	Nil	
13.3.1	Name of drains/nallahs where steps have been completed to prevent entering of solid waste	NA	
13.3.2	Name of drains/nallahs where steps have not been completed to prevent entering of solid waste	NA	
<b>14</b>	<b>User fees</b>		
14.1	Whether User Fee has been notified or not. (If Yes, kindly provide the Notification)	Yes, Notification notified	
14.2	No. of households where User Fee has been prescribed	1000	
14.3	No. of Wards where User Fee has been prescribed	7	
14.4	How much recovery is done and what: are the adopted mechanisms	20000 collected with House tax	
<b>15</b>	<b>Garbage Vulnerable Points (GVPs)</b>		
15.1	No. of GVPs Identified	4	
15.2	* No. of GVPs removed	4	
	* Steps taken to convert the 15.2 vacated places after removing	After elimination of garbage vulnerable point (GVPs) were	

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	GVPs_ into sitting places, playgrounds, parks, gardens or any other useful usages	converted to wall painting.	
15.3	Timelines to remove the pending GVPs	NA	
<b>16</b>	<b>Citizen Grievance Redressal</b>		
16.1	No. of complaints registered (in one month)	10	
16.2	No. of complaints redressed	10	
16.3	Action taken, if complaints are not Redressed	0	
<b>17</b>	<b>Legacy waste treatment</b>		
17.1	* Location and area under legacy waste dump site  * Quantity of legacy waste dumped at the dumpsite (MT)  *Status of boundary wall and green belt around the legacy waste dump site	Near Railway line Jakhhal Mandi  15000 MT  No	
17.2	Treatment of legacy waste  * Steps taken for treatment of legacy waste and completion date of the project  * Steps taken for treatment of leachate and final disposal of treated leachate	No  Tender in process will be completed by 31.03.2022  NA	
17.3	Quantity of by-products recovered during treatment of legacy waste (MT), a) Soil enriched material  b) RDF recovered  c) C&D material recovered  d) Inert material produced	0 MT  0  0  0	
<b>18</b>	<b>Information Education &amp; Communication activities (IEC) for awareness of the public</b>		
18.1	No. of awareness activities for segregation of solid waste and storage of segregated solid waste at source in different bins, home composting, biogas generation, hand over segregated waste to waste pickers, payment of user fee etc. and number of participants participated in these awareness activities and workshops/trainings. Kindly provide details of such activities conducted during the last three months.	3 Quarterly  All most all household ( Door to door awareness is going on in all wards through deputed saksham yuva in all wards. Flex has installed in every wards. Meeting of RWAs, NGOs and market association has been taken by ULB Jakhhal time to time.	
<b>19</b>	<b>On-site composting of horticulture waste in Parks &amp; Institutions</b>		
19.1	No. of parks within Municipal limits	1	
19.1.1	No. of compost pits required in Parks.	2	

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19.1.2	No. of compost pits provided in the parks	2	
19.1.3	Gap, if any	Nil	
19.1.4	Timelines to complete 100% parks with compost pits or any other mode of treatment of wet waste.	NA	
19.2	No. of Institutes in the city	2	
19.2.1	No. of institutes doing onsite Composting	0	
19.2.2	Timelines to complete 100% institutes with compost pits or any other mode of treatment of wet waste	31.12.2021	

### b. Identification of gaps and Action plan:

S. No.	Action points for town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1.</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	50% Area not segregating Waste at Source	To achieve segregation at source. Awareness programs, incentives, penalties/fine etc. will be done.	MC Jakhal	31.12.2021
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	No Gap, 100 % Length of the roads are covered for regular manual sweeping, There is No Gap in Manpower for Sweeping Operation Equipment are available for sweeping operation i.e. Trolleys ,Try Cycles , etc.	Target Archived for Cleaning by mechanism: 1. Collection, Segregation, and Transportation of waste from Door to Door of Households. 2 Sweeping initiated Twice in a day in Commercial areas and once in a day in residential areas.	MC Jakhal	Already achieved
(ii)	Mechanical Road Sweeping & Collection	No gap, There is not requirement of Mechanical Sweeping	100 % Length of the roads are covered for regular manual sweeping.	MC Jakhal	NA
<b>3</b>	<b>Waste Collection</b>				

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(i)	100% collection of solid waste	No gap, 100% collection of solid waste	Will maintain and further improve the existing system.	MC Jakhal	Already achieved
(ii)	Arrangement for door-to-door collection	No gap, 4 vehicles have been deployed for 100% of door-to-door collection	Will maintain and further improve the existing system.	MC Jakhal	Already achieved
(iii)	Waste Collection trolleys with separate compartments	No gap, 1 waste collection trolleys available with separate compartment for solid waste collection from door to door.	Will maintain and further improve the existing system.	MC Jakhal	Already achieved
(iv)	Mini Collection Trucks with separate compartments	No gap, 3 waste collection auto tippers are available with separate compartment for solid waste collection & Segregation from door to door.	Will maintain and further improve the existing system.	MC Jakhal	Already achieved
(v)	Waste Deposition Centers (for domestic hazardous wastes)	01, One deposition centre required to be established. However Separate dustbin in all auto tippers.	One deposition centre will be established.	MC Jakhal	31.12.2021
<b>4.</b>	<b>Waste Transport</b>				
(i)	Review existing infrastructure for waste Transport.	No Gap, Fleets are adequate for transportation of waste	Will maintain and further improve the existing system.	MC Jakhal	Already achieved
(ii)	Bulk Waste Trucks	No Gap, 4 waste collection auto tippers are available with separate compartment for solid waste collection & Segregation from door to door.	Will maintain and further improve the existing system.	MC Jakhal	Already achieved



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(iii)	Waste Transfer points	Not applicable as No waste relay Point	No waste relay Point	NA	NA
<b>5 Waste Treatment and Disposal</b>					
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Not applicable as No BWG in MC Jakhal	Not applicable as No BWG in MC Jakhal	MC Jakhal	31.12.2021
(ii)	Wet-waste Management: Facility for central Bio methanation /Composting of wet waste.	Additional 1 No. of wet waste processing units is required to be established.	Already existing system will be maintained and 1 No. of new compost plant will be installed for processing of wet waste.	MC Jakhal	31.12.2021
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	1 Nos Material Recovery Facility required for Collection of Segregation dry waste.	1 Nos Material Recovery Facility will be installed for Collection of Segregation dry waste.	MC Jakhal	31.12.2021
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	1 Sanitary landfill required.	1 Sanitary landfill will be developed.	MC Jakhal	31.12.2021
(v)	Remediation of historic/legacy dumpsite	15000 MT (100%)	Tender process in progress for Remediation of Legacy waste.	MC Jakhal	31.12.2021
(vi)	Involvement of NGOs	No Gap, 2 NGOs Already involved.	2 NGOs Already involved will be maintained.	MC Jakhal	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	No Producer /Brand Owner Engaged.	Producer /Brand Owner to be registered. However, some waste is going through Authorized channel partner of EPR Brand Owners i.e. Lead Acid Batteries, E waste, Plastic Waste etc.	MC Jakhal	NA

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(viii)	Authorization of Waste Pickers	No gap, 110 Nos of Rag picker engaged in segregation and disposal of dry waste.	110 Nos of Rag picker engaged will be retained for segregation and disposal of dry waste.	MC Jakhal	Already achieved
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap, Bye Laws already prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Jakhal	Already achieved

### D. Municipal Committee Bhuna

#### a. Current status related to solid Waste management

Performa for the Compliance of District Environment Plan.			
Sr. No	Details to be Filled	Status	Remarks
	Name of the ULB:	Municipal Committee Bhuna	
	Name of the Nodal Officer:	Sh. Sandeep Kumar Secretary	
	Contact No :	9034917291	
1	<b>Total No. of Wards</b>	15	
2	<b>Total NO. of Households</b>	7056	
3	<b>Total Waste Generated (in TPD)</b>	13.31	
4	<b>Door to Door Collection of solid waste</b>		
4.1	Total No, of household covered under a Door to Door Collection of solid waste	3200	
4.2	Total No. of wards covered under Door to Door Collection of solid waste	10	
4.3	% age of door to door collection of solid waste achieved	40%	
4.4	Gap to achieve 100% Door to Door collection	60%	
4.5	If there is gap, then Timeline to achieve 100% Door to Door collection	31.12.2021	
5	<b>Source Segregation of solid waste</b>		
5.1	Total No. of household covered under source segregation of solid waste	700	
5.2	Total No. of wards covered under source segregation of solid waste	2	

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5.3	% age of source segregation of solid waste achieved	10%	
5.4	Gap to achieve 100% Segregation	90%	
5.5	If there is gap, then Timeline to achieve 100% Segregation	31.12.2021	
<b>6.</b>	<b>Litter Bins</b>		
6.1	<b>Tick the Correct and Provide the Details as required: -</b>		
6.1.1	* Bin free Residential area Whether Litter Bins still exist in residential area	No	Residential areas are litter Bins free
6.2	No. of Litter Bins required in Commercial places and public places (as per SBM Guidelines)	50 Nos	
6.3	. No. of Litter Bins installed in Commercial areas and _ public Places . Mechanism adopted to ensure segregation of solid waste at litter Bins sites in commercial areas and public places and its further transportation	30 Nos  Litter bins emptied on daily basis and garbage collected and transported at Dumpsite/Processing site.	In Commercial places
<b>7.</b>	<b>Separate Transportation</b>		
7.1	No. of vehicles required for the collection and transportation of solid Waste.	6	
7.2	No. of vehicles available with the ULB for collection and transportation of solid waste along with percentage.	3	
7.3	Gap, if any	3 (50%)	
7.4	If there is gap, then Timeline to achieve the gap.	31.12.2021	
7.5	No. of 'compartmentalized vehicles along with percentage.	3 (50%)	
7.6	Gap to achieve 100% compartmentalized vehicles.	50%	
7.7	If there is gap, then Timeline to Ref achieve 100% compartmentalized vehicles.	31.12.2021	
7.8	No. of vehicles with GPS for the collection and transportation of solid waste along with percentage.	3 (50%)	
7.9	Gaps to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	50%	
7.10	If there is gap, then Timeline to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	31.12.2021	
<b>8</b>	<b>Solid Waste Processing</b>		

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8.1	Total amount of solid waste generated within the ULB	13.31 TPD	
8.2	Quantity of wet waste generated (in TPD)	7.9 TPD	
8.3	Quantity of dry waste generated (in TPD)	5.32 TPD	
8.4	Whether Processing of dry waste is done or not. (If Yes, mechanism adopted for the same)	Yes, Dry Waste segregated at Material Recovery facility and further channelized to authorized vendors	
8.4.1	Quantity of dry Waste processed (in TPD) along with percentage	1.5 TPD , (20%)	
8.4.2	Gap in processing of Dry Waste.	80%	
8.4.3	If there is a Gap, then Timelines to achieve 100% Processing of dry waste	31.12.2021	
8.5	Construction of MRFs	0	
8.5.1	Number of MRFs required in MC.	1	
8.5.2	How many MRFs are available within the ULB	0	
8.5.3	Gap , if any	1	
8.5.4	If there a Gap, then timelines to achieve the Gap	31.12.2021	
8.5.5	Capacity of available MRFs	Nil	
8.6	Quantity of wet Waste processed (in TPD) along with percentage	1 TPD (20%)	
8.6.1	Gap in processing of Wet waste.	80%	
8.6.2	If there is a Gap, then Timeline to achieve 100% Processing of wet waste	31.12.2021	
8.6.3	Number of compost pits required for processing of total wet waste of ULB	50	
	Number of compost pits provided for processing of wet waste	10	
	Timelines for construction of remaining compost pits	31.12.2021	
8.6.4	Kindly mention any other mode for treatment of wet waste	Windrow system	
8.7	Whether there is proposal to setup Integrated Scientific Solid Waste Management facility.	NA	
8.7.1	If yes mention timelines.	NA	
8.7.2	Month wise progress.	NA	
8.7.3	Status of issuance of authorization under SWM Rules-2016.	NA	
8.8	Quantity of total solid waste processed (dry waste processing + wet waste processing) (in TPD) along with percentage.	2.5 + 3.5 TPD, 50%	

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<b>10</b>	<b>C&amp;D Waste</b>		
10.1	Quantity of C&D waste generated (in TPD)	1.5	
10.2	Mechanism for proper collection, transportation, processing and disposal of C&D Waste.	Yes, one Tractor- Trolley has deputed for collection and transportation of C&D waste from source to dumpsite.	MC Bhuna is searching for suitable location for installation C&D waste processing site for construction of tiles, construction raw material etc form C&D waste.
10.3	Whether separate site for storage of C&D waste has been identified of not. (If Yes, Kindly Mention the details of the site)	Yes, Kullan Road, Bhuna	
10.4	If the storage site is identified, please as confirm if it is notified	Yes, Notified and advertise in news papers.	
10.5	Whether processing of C&D waste is done or not (If Yes, mechanism adopted for the same)	No, Municipality is using C&D waste for filling of low-lying area MC Bhuna will searching for suitable location for installation C&D waste processing site for construction of tiles, construction raw material etc form C&D waste.	
10.6	Details of machinery installed for Processing of C & D waste	Not installed yet and searching for suitable location for installation of plant and machineries for same.	
10.7	Kindly explain end use of recycled products generated from C_ &_D processing plant	Municipality is using C&D waste for filling of low-lying area C&D waste will used for tiles, bricks and dust formation for compensate to requirement of construction raw material.	
10.8	Status of clearance of old dumping sites along the road side and water bodies	Through one No. of tractor trolley C&D waste from road side collected for disposal at dumpsite.	
10.9	No. of approvals granted of waste management plans submitted by waste generators before construction starts.	Approval for construction actives being granted as per provision mention by-laws and C&D waste rules 2016	
<b>11</b>	<b>Plastic waste and other solid waste Challans</b>		
11.1	No. of recyclers registered	0	
11.2	No. of Challans issued (during the last three months)	0	
11.2.1	No. of Challans issued for selling/use Tit of Plastic carry bags or single use plastic items by the shops/ individuals	0	
11.2.1.1	Amount of fine (in Rs.) imposed on   the violators	0	
11.2.1.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.2	No. of Challans issued for littering of plastic waste	0	
11.2.2.1	Amount of fine (in Rs.) imposed on the violators	0	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

11.2.2.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.3	No. of Challans issued for burning of plastic waste	0	
11.2.3.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.3.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.4	No. of Challans issued for littering of other solid waste	0	
11.2.4.1	Amount of fine (in Rs.) imposed on Lees the violators	0	
11.2.4.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.5	No. of Challans issued for burning of other solid waste	0	
11.2.5.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.5.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.6	Total Amount of fine collected (in  Rs.) for selling/use of plastic carry bags or single use plastic items by the shops/ individuals, burning of plastic waste, littering of plastic waste, burning of other solid waste and littering of other — solid waste(during the last three months)	0	
<b>12</b>	<b>Bulk Waste Generators (BWGs) processing of solid waste</b>		
12.1	Total No. of BWGs Identified . With 100 Kg and above solid waste/day. . with 50 Kg to 100 kg solid waste/day.	There is no Bulk Waste generator in M.C. Limit.	
12.2	Quantity of solid waste generated by the identified BWGs (in TPD)	NA	
12.3	Total No. of BWGs processing waste within their premises along with percentage.	NA	
12.4	Total No. of BWGs processing waste outside their premises along with percentage	NA	
12.4.2	Gap in 100% processing of waste by BWGs within or outside their Premises	NA	
12.4.3	If there is a Gap, then timeline to achieve 100% processing done by BWGs within or outside their premises	NA	
12.5	Recovery and fine/penalty mechanisms on those BWGs who are not processing the waste either within their premises or outside their premises	NA	
12.6	Amount of fine/penalty recovered (in Rs.)	NA	
12.7	Kindly confirm whether BWGs have signed' an agreement with ULB (MC) for	NA	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

	delivering of dry waste to MC with suitable user charges		
<b>13</b>	<b>Preventing solid waste from entering into water bodies</b>		
13.1	Detailed Information of Mechanism Adopted (wire-mesh, etc.)	All drainage system and sewerage system is totally covered by PHED. And the cleaning is done by PHED.	
13.2	Drains/ nallahs within Municipal limits (Responsibility of Municipality/ MC)	2	
13.2.1	Name of drains/nallahs where steps have been completed to prevent entering of solid waste	2	
13.2.2	Name of drains/nallahs where steps have not been completed to prevent entering of solid waste	NA	
13.3	Drains/nallahs — outside Municipal limits (Responsibility of Rural development & Panchayat department)	NA	
13.3.1	Name of drains/nallahs where steps have been completed to prevent entering of solid waste	NA	
13.3.2	Name of drains/nallahs where steps have not been completed to prevent entering of solid waste	NA	
<b>14</b>	<b>User fees</b>		
14.1	Whether User Fee has been notified or not. (If Yes, kindly provide the Notification)	Yes, Notification notified	
14.2	No. of households where User Fee has been prescribed	1000	
14.3	No. of Wards where User Fee has been prescribed	7	
14.4	How much recovery is done and what: are the adopted mechanisms	Rs 20000 along with house tax	
<b>15</b>	<b>Garbage Vulnerable Points (GVPs)</b>		
15.1	No. of GVPs Identified	4	
15.2	* No. of GVPs removed  * Steps taken to convert the 15.2 vacated places after removing GVPs_ into sitting places, playgrounds, parks, gardens or any other useful usages	4  Removal of GVP and converted to Sitting place, play ground.	
15.3	Timelines to remove the pending GVPs	Already Removed	
<b>16</b>	<b>Citizen Grievance Redressal</b>		
16.1	No. of complaints registered (in one month)	10	
16.2	No. of complaints redressed	10	
16.3	Action taken, if complaints are not Redressed	0	
<b>17</b>	<b>Legacy waste treatment</b>		
	* Location and area under legacy waste dump site	Municipal Committee has Legacy waste stored at Kullan Road, Bhuna	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

17.1	* Quantity of legacy waste dumped at the dumpsite (MT)  °Status of boundary wall and green belt around the legacy waste dump site	15000 MT  Yes	
17.2	Treatment of legacy waste  * Steps taken for treatment of legacy waste and completion date of the project  * Steps taken for treatment of leachate and final disposal of treated leachate	No  Tender in process will be completed by 31.03.2022  NA	
17.3	Quantity of by-products recovered during treatment of legacy waste (MT), a) Soil enriched material  b) RDF recovered  c) C&D material recovered  d) Inert material produced	0 MT  0  0  0	
<b>18</b>	<b>Information Education &amp; Communication activities (IEC) for awareness of the public</b>		
18.1	No. of awareness activities for segregation of solid waste and storage of segregated solid waste at source in different bins, home composting, biogas generation, hand over segregated waste to waste pickers, payment of user fee etc. and number of participants participated in these awareness activities and workshops/trainings. Kindly provide details of such activities conducted during the last three months.	5 Quarterly  All most all household ( Door to door awareness is going on in all wards through deputed saksham yuva in all wards. Flex has installed in every wards. Meeting of RWAs, NGOs and market association has been taken by ULB Bhuna time to time.	
<b>19</b>	<b>On-site composting of horticulture waste in Parks &amp; Institutions</b>		
19.1	No. of parks within Municipal limits	2	
19.1.1	No. of compost pits required in Parks.	4	
19.1.2	No. of compost pits provided in the parks	2	
19.1.3	Gap, if any	2	
19.1.4	Timelines to complete 100% parks with compost pits or any other mode of treatment of wet waste.	31.12.2021	
19.2	No. of Institutes in the city	2	
19.2.1	No. of   institutes doing on_ site Composting	0	
19.2.2	Timelines to complete 100% institutes with compost pits or any other mode of treatment of wet waste	31.12.2021	

### b. Identification of gaps and Action plan:



## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

S. No.	Action points for town municipalities / City Corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1.</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	90% Area not segregating Waste at Source	To achieve segregation at source. Awareness programs, incentives, penalties/fine etc. will be done.	MC Bhuna	31.03.2022
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	No Gap, 100 % Length of the roads are covered for regular manual sweeping, There is No Gap in Manpower for Sweeping Operation Equipment are available for sweeping operation i.e. Trolleys ,Try Cycles , etc.	Target Archived for Cleaning: 1. Collection, Segregation, and Transportation of waste from Door to Door of Households. 2 Sweeping initiated Twice in a day in Commercial areas and once in a day in residential areas.	MC Bhuna	Already achieved
(ii)	Mechanical Road Sweeping & Collection	There is not required Mechanical Sweeping	100 % Length of the roads are covered for regular manual sweeping.	MC Bhuna	NA
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	60% Area not covered.	Door to door collection, segregation and processing tender has been opened but still rate approval is pending. After rate approval system will be implemented.	MC Bhuna	31.12.2021
(ii)	Arrangement for door-to-door collection	100%	Currently Door to door collection and segregation done by non motorized vehicles instead that	MC Bhuna	31.12.2021

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

			Door to door collection, segregation and processing tender has been opened but still rate approval is pending.		
(iii)	Waste Collection trolleys with separate Compartments	1 waste collection trolleys required, with separate compartment for solid waste collection from door to door.	1 waste collection trolleys will be arranged with separate compartment for solid waste collection from door to door.	MC Bhuna	31.12.2021
(iv)	Mini Collection Trucks with separate compartments	2 waste collection auto tippers required with separate compartment for solid waste collection & Segregation from door to door.	2 waste collection auto tippers will be arranged with separate compartment for solid waste collection & Segregation from door to door.	MC Bhuna	31.12.2021
(v)	Waste Deposition Centres (for domestic hazardous wastes)	01, One deposition centre required to be established. However Separate dustbin in all auto tippers.	One deposition centre will be established.	MC Bhuna	31-03.2021
<b>4.</b>	<b>Waste Transport</b>				
(i)	Review existing infrastructure for waste Transport.	1 Fleets required for transportation of waste	1 Fleets will be arranged for transportation of waste	MC Bhuna	31.12.2021
(ii)	Bulk Waste Trucks	2 waste collection auto tippers required with separate compartment for solid waste collection & Segregation from door to door.	2 waste collection auto tippers will be arranged with separate compartment for solid waste collection & Segregation from door to door.	MC Bhuna	31.12.2021
(iii)	Waste Transfer points	Not applicable as No	No waste relay Point	NA	NA

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

		waste relay Point			
<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)	NA	No Bulk waste Generator in MC Limit	NA	NA
(ii)	Wet-waste Management: Facility for central Bio methanation /Composting of wet waste.	Additional 1 No. of wet waste processing units is required to be established.	Already existing system will be maintained and 1 No. of new compost plant will be installed for processing of wet waste.	MC Bhuna	31.12.2021
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	1 Nos Material Recovery Facility required for Collection of Segregation dry waste.	1 Nos Material Recovery Facility will be installed for Collection of Segregation dry waste.	MC Bhuna	31.12.2021
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	1 Sanitary landfill required.	1 Sanitary landfill will be developed.	MC Bhuna	31.03.2022
(v)	Remediation of historic/legacy dumpsite	15000 MT (100%)	Tender process in progress for Remediation of Legacy waste	MC Bhuna	31-03-2022
(vi)	Involvement of NGOs	No Gap, 2 NGOs Already involved.	2 NGOs Already involved will be maintained.	MC Bhuna	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	No Producer /Brand Owner Engaged.	Producer /Brand Owner to be registered. However, some waste is going through Authorized channel partner of EPR Brand Owners i.e. Lead Acid Batteries, E waste, Plastic Waste etc.	MC Bhuna	31.03.2022
(viii)	Authorization of Waste Pickers	No gap, 110 Nos of Rag picker engaged in segregation and	110 Nos of Rag picker engaged will be retained for	MC Bhuna	Already achieved

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

		disposal of dry waste.	segregation and disposal of dry waste.		
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap, Bye Laws already prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Bhuna	Already achieved

### E. Municipal Committee Ratia

#### a. Current status related to solid Waste management

Performa for the Compliance of District Environment Plan.			
Sr. No	Details to be Filled	Status	Remarks
	Name of the ULB:	Municipal Committee, Ratia	
	Name of the Nodal Officer:	Sh. Pankaj Secretary	
	Contact No :	09518858358	
1	<b>Total No. of Wards</b>	17	
2	<b>Total NO. of Households</b>	8160	
3	<b>Total Waste Generated (in TPD)</b>	16	
4	<b>Door to Door Collection of solid waste</b>	17 wards out of 17 wards	
4.1	Total No, of households covered under Door to Door Collection of solid waste	8046	
4.2	Total No. of wards covered under Door to Door Collection of solid waste	17	
4.3	% age of door to door collection of solid waste achieved	100%	
4.4	Gap to achieve 100% Door to Door collection	Nil	
4.5	If there is gap, then Timeline to achieve 100% Door to Door collection	NA	
5	<b>Source Segregation of solid waste</b>		
5.1	Total No. of households covered under source segregation of solid waste	5510	
5.2	Total No. of wards covered under source segregation of solid waste	15	
5.3	% age of source segregation of solid waste achieved	60%	
5.4	Gap to achieve 100% Segregation	40%	
5.5	If there is gap, then Timeline to achieve 100% Segregation	31.12.2021	
6.	<b>Litter Bins</b>		

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

6.1	<b>Tick the Correct and Provide the Details as required: -</b>		
6.1.1	* Bin free Residential area Whether Litter Bins still exist in residential area	Yes	Residential areas are litter Bins free
6.2	No. of Litter Bins required in Commercial places and public places (as per SBM Guidelines)	50	
6.3	. No. of Litter Bins installed in Commercial areas and _ public Places . Mechanism adopted to ensure segregation of solid waste at litter Bins sites in commercial areas and public places and its further transportation	50  Mechanism: Compartmentalization with color scheme has been done for wet & dry waste. Litter bins emptied on daily basis and garbage collected and transported at Dumpsite/Processing site.	In Commercial places
<b>7.</b>	<b>Separate Transportation</b>		
7.1	No. of vehicles required for the collection and transportation of solid Waste.	6	
7.2	No. of vehicles available with the ULB for collection and transportation of solid waste along with percentage.	6	
7.3	Gap, if any	Nil	
7.4	If there is gap, then Timeline to achieve the gap.	NA	
7.5	No. of 'compartmentalized vehicles along with percentage.	6	
7.6	Gap to achieve 100% compartmentalized vehicles.	Nil	
7.7	If there is gap, then Timeline to Ref achieve 100% compartmentalized vehicles.	NA	
7.8	No. of vehicles with GPS for the collection and transportation of solid waste along with percentage.	6	
7.9	Gaps to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	Nil	
7.10	If there is gap, then Timeline to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	NO	
<b>8</b>	<b>Solid Waste Processing</b>		
8.1	Total amount of solid waste generated within the ULB	9 TPD	
8.2	Quantity of wet waste generated (in TPD)	5 TPD	
8.3	Quantity of dry waste generated (in TPD)	4 TPD	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

8.4	Whether Processing of dry waste is done or not. (If Yes, mechanism adopted for the same)	Yes, Processing done at MRF	
8.4.1	Quantity of dry Waste processed (in TPD) along with percentage	2 TPD	
8.4.2	Gap in processing of Dry Waste.	2 (50%)	
8.4.3	If there is a Gap, then Timelines to achieve 100% Processing of dry waste	31.03.2022	
8.5	Construction of MRFs	Yes	
8.5.1	Number of MRFs required in MC.	1	
8.5.2	How many MRFs are available within the ULB	1	
8.5.3	Gap, if any	Nil	
8.5.4	If there a Gap, then timelines to achieve the Gap	NA	
8.5.5	Capacity of available MRFs	5 MT	
8.6	Quantity of wet Waste processed (in TPD) along with percentage	2.5 TPD (50%)	
8.6.1	Gap in processing of Wet waste.	2.5 TPD (50%)	
8.6.2	If there is a Gap, then Timeline to achieve 100% Processing of wet waste	31.03.2022	
8.6.3	Number of compost pits required for processing of total wet waste of ULB	20	
	Number of compost pits provided for processing of wet waste	15	
	Timelines for construction of remaining compost pits	31.03.2022	
8.6.4	Kindly mention any other mode for treatment of wet waste	Pit Composting	
8.7	Whether there is proposal to setup Integrated Scientific Solid Waste Management facility.	No	
8.7.1	If yes mention timelines.	NA	
8.7.2	Month wise progress.	NA	
8.7.3	Status of issuance of authorization under SWM Rules-2016.	Yes	
8.8	Quantity of total solid waste processed (dry waste processing + wet waste processing) (in TPD) along with percentage.	(2.5+2) TPD (50%)	
<b>10</b>	<b>C&amp;D Waste</b>		
10.1	Quantity of C&D waste generated (in TPD)	1.5	
10.2	Mechanism for proper collection, transportation, processing and disposal of C&D Waste.	Yes, one Tractor- Trolley has deputed for collection and transportation of C&D waste from source to dumpsite.	MC Ratia is searching for suitable location for installation C&D waste processing site for construction of tiles, construction raw material etc form C&D waste.
10.3	Whether separate site for storage of C&D waste	Yes, Jakhan Dadi road	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

	has been identified or not. (If Yes, Kindly Mention the details of the site)	near Gaushala, Ratia.	
10.4	If the storage site is identified, please confirm if it is notified	Yes, Notified and advertise in news papers.	
10.5	Whether processing of C&D waste is done or not (If Yes, mechanism adopted for the same)	Municipality is using C&D waste for filling of low-lying area. MC Ratia will searching for suitable location for installation C&D waste processing site for construction of tiles, construction raw material etc from C&D waste.	
10.6	Details of machinery installed for Processing of C & D waste	Not installed yet and searching for suitable location for installation of plant and machineries for same.	
10.7	Kindly explain end use of recycled products generated from C_ &_D processing plant	Municipality is using C&D waste for filling of low-lying area. C&D waste will used for tiles, bricks and dust formation for compensate to requirement of construction raw material.	
10.8	Status of clearance of old dumping sites along the road side and water bodies	Through one No. of tractor trolley C&D waste from road side collected for disposal at dumpsite.	
10.9	No. of approvals granted of waste management plans submitted by waste generators before construction starts.	Approval for construction activities being granted as per provision mention by-laws and C&D waste rules 2016	
<b>11</b>	<b>Plastic waste and other solid waste Challans</b>		
11.1	No. of recyclers registered	0	
11.2	No. of Challans issued (during the last three months)	0	
11.2.1	No. of Challans issued for selling/use of Plastic carry bags or single use plastic items by the shops/ individuals	0	
11.2.1.1	Amount of fine (in Rs.) imposed on   the violators	0	
11.2.1.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.2	No. of Challans issued for littering of plastic	0	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

	waste		
11.2.2.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.2.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.3	No. of Challans issued for burning of plastic waste	0	
11.2.3.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.3.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.4	No. of Challans issued for littering of other solid waste	0	
11.2.4.1	Amount of fine (in Rs.) imposed on Lees the violators	0	
11.2.4.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.5	No. of Challans issued for burning of other solid waste	0	
11.2.5.1	Amount of fine (in Rs.) imposed on the violators	0	
11.2.5.2	Amount of fine (in Rs.) collected from the violators	0	
11.2.6	Total Amount of fine collected (in   Rs.) for selling/use of plastic carry bags or single use plastic items by the shops/ individuals, burning of plastic waste, littering of plastic waste, burning of other solid waste and littering of other — solid waste(during the last three months)	0	
<b>12</b>	<b>Bulk Waste Generators (BWGs) processing of solid waste</b>		
12.1	Total No. of BWGs Identified . With 100 Kg and above solid waste/day. . with 50 Kg to 100 kg solid waste/day.	No Bulk waste Generator in MC Ratia	
12.2	Quantity of solid waste generated by the identified BWGs (in TPD)	NA	
12.3	Total No. of BWGs processing waste within their premises along with percentage.	NA	
12.4	Total No. of BWGs processing waste outside their premises along with percentage	NA	
12.4.2	Gap in 100% processing of waste by BWGs within or outside their premises	NA	
12.4.3	If there is a Gap, then timeline to achieve 100% processing done by BWGs within or outside their premises	NA	
12.5	Recovery and fine/penalty mechanisms on those BWGs who are not processing the waste either within their premises or outside their premises	NA	



## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

12.6	Amount of fine/penalty recovered (in Rs.)	NA	
12.7	Kindly confirm whether BWGs have signed' an agreement with ULB (MC) for delivering of dry waste to MC with suitable user charges	NA	
<b>13</b>	<b>Preventing solid waste from entering into water bodies</b>		
13.1	Detailed Information of Mechanism Adopted (wire-mesh, etc.)	All drainage system and sewerage system is totally covered by PHED. And the cleaning is done by PHED.	
13.2	Drains/ nallahs within Municipal limits (Responsibility of Municipality/ MC)	3	
13.2.1	Name of drains/nallahs where steps have been completed to prevent entering of solid waste	3	
13.2.2	Name of drains/nallahs where steps have not been completed to prevent entering of solid waste	NA	
13.3	Drains/nallahs — outside Municipal limits (Responsibility of Rural development & Panchayat department)	NA	
13.3.1	Name of drains/nallahs where steps have been completed to prevent entering of solid waste	NA	
13.3.2	Name of drains/nallahs where steps have not been completed to prevent entering of solid waste	NA	
<b>14</b>	<b>User fees</b>		
14.1	Whether User Fee has been notified or not. (If Yes, kindly provide the Notification)	Yes, Notification notified	
14.2	No. of households where User Fee has been prescribed	3000	
14.3	No. of Wards where User Fee has been prescribed	5	
14.4	How much recovery is done and what: are the adopted mechanisms	50000 Rs collected with House Tax	
<b>15</b>	<b>Garbage Vulnerable Points (GVPs)</b>		
15.1	No. of GVPs Identified	4	
15.2	* No. of GVPs removed  * Steps taken to convert the 15.2 vacated places after removing GVPs_ into sitting places, playgrounds, parks, gardens or any other useful usages	4  Removal of GVP and converted to Sitting place, play ground.	
15.3	Timelines to remove the pending GVPs	NA	
<b>16</b>	<b>Citizen Grievance Redressal</b>		
16.1	No. of complaints registered (in one month)	15	
16.2	No. of complaints redressed	15	
16.3	Action taken, if complaints are not Redressed	NA	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

<b>17</b>	<b>Legacy waste treatment</b>		
17.1	<p>* Location and area under legacy waste dump site</p> <p>* Quantity of legacy waste dumped at the dumpsite (MT)</p> <p>*Status of boundary wall and green belt around the legacy waste dump site</p>	<p>Jakhan dadi road near Gaushala, Ratia</p> <p>20000 MT</p> <p>No</p>	
17.2	<p>Treatment of legacy waste</p> <p>* Steps taken for treatment of legacy waste and completion date of the project</p> <p>* Steps taken for treatment of leachate and final disposal of treated leachate</p>	<p>No</p> <p>Tender in process will be completed by 31.03.2022</p> <p>NA</p>	
17.3	<p>Quantity of by-products recovered during treatment of legacy waste (MT),</p> <p>a) Soil enriched material</p> <p>b) RDF recovered</p> <p>c) C&amp;D material recovered</p> <p>d) Inert material produced</p>	<p>0 MT</p> <p>0</p> <p>0</p> <p>0</p> <p>0</p>	
<b>18</b>	<b>Information Education &amp; Communication activities (IEC) for awareness of the public</b>		
18.1	<p>No. of awareness activities for segregation of solid waste and storage of segregated solid waste at source in different bins, home composting, biogas generation, hand over segregated waste to waste pickers, payment of user fee etc. and number of participants participated in these awareness activities and workshops/trainings. Kindly provide details of such activities conducted during the last three months.</p>	<p>6 Quarterly</p> <p>All most all household ( Door to door awareness is going on in all wards through deputed saksham yuva in all wards. Flex has installed in every wards. Meeting of RWAs, NGOs and market association has been taken by ULB Ratia time to time.</p>	
<b>19</b>	<b>On-site composting of horticulture waste in Parks &amp; Institutions</b>		
19.1	No. of parks within Municipal limits	2	
19.1.1	No. of compost pits required in Parks.	6	
19.1.2	No. of compost pits provided in the parks	6	
19.1.3	Gap, if any	0	
19.1.4	Timelines to complete 100% parks with compost pits or any other mode of treatment of wet waste.	NA	
19.2	No. of Institutes in the city	2	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

19.2.1	No. of institutes doing on_ site Composting	0	
19.2.2	Timelines to complete 100% institutes with compost pits or any other mode of treatment of wet waste	31.03.2021	

### b. Identification of gaps and Action plan:

S. No.	Action points for town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1.</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	No Gap, 100 % Source Segregation	Existing System will be maintained.	MC Ratia	Already achieved
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	No Gap, 100 % Length of the roads are covered for regular manual sweeping,	Target Archived for Cleaning by mechanism: 1. Collection, and Transportation of waste from Door to Door of Households. 2. Sweeping initiated Twice in a day in Commercial areas and once in a day in residential areas.	MC Ratia	Already achieved
(ii)	Mechanical Road Sweeping & Collection	There is not required Mechanical Sweeping	100 % Length of the roads are covered for regular manual sweeping.	MC Ratia	NA
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No gap, 100% collection of solid waste done.	Will Maintain and further improve existing collection system.	MC Ratia	Already achieved
(ii)	Arrangement for door-to-door collection	No gap, 6 vehicles have been deployed	Will Maintain and further improve existing collection	MC Ratia	Already achieved

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

		for 100% of door-to-door collection	system.		
(iii)	Waste Collection trolleys with separate compartments	No gap, 1 waste collection trolley is arranged with separate compartment for solid waste collection from door to door.	Will Maintain and further improve existing collection system.	MC Ratia	Already achieved
(iv)	Mini Collection Trucks with separate compartments	No gap, 5 waste collection auto tippers are arranged with separate compartment for solid waste collection & Segregation from door to door.	Will Maintain and further improve existing collection system.	MC Ratia	Already achieved
(v)	Waste Deposition Centers (for domestic hazardous wastes)	01, One deposition centre required to be established. However Separate dustbin in all auto tippers.	One deposition centre will be established.	MC Ratia	31.03.2022
<b>4.</b>	<b>Waste Transport</b>				
(i)	Review existing infrastructure for waste Transport.	No Gap, 5 waste collection auto tippers and 1 trolley is available.	Will Maintain and further improve existing collection system.	MC Ratia	NA
(ii)	Bulk Waste Trucks	NA as No BWG in MC Ratia	NA as No BWG in MC Ratia	MC Ratia	NA
(iii)	Waste Transfer points	Not applicable as No waste relay Point	No waste relay Point	NA	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority	NA as No BWG in MC Ratia	NA as No BWG in MC Ratia	NA	NA

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

	may decide on requirement as per Rules)				
(ii)	Wet-waste Management: Facility(ies) for central Bio methanation /Composting of wet waste.	No Gap, 1 Composting facility available at MRF	Will Maintain and further improve existing collection system.	MC Ratia	NA
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No Gap, 1 Nos Material Recovery Facility were installed for Collection of Segregation dry waste.	Will Maintain and further improve existing collection system.	MC Ratia	NA
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	1 Sanitary landfill required.	1 Sanitary landfill will be developed.	MC Ratia	31.03.2022
(v)	Remediation of historic/legacy dumpsite	Old dumpsite (3280 MT) is existing and remediation work is in progress of dumpsite.	Work order already issued on dated 13.08.2021 to M/s. Ding manpower Securities services Pvt Ltd.	MC Ratia	31-03-2022
(vi)	Involvement of NGOs	No Gap, 2 NGOs Already involved.	2 NGOs Already involved will be maintained.	MC Ratia	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	No Producer /Brand Owner Engaged.	Producer /Brand Owner to be registered. However, some waste is going through Authorized channel partner of EPR Brand Owners i.e. Lead Acid Batteries, E waste, Plastic Waste etc.	MC Ratia	NA
(viii)	Authorization of Waste Pickers	No Gap, 10 Rag Pickers already registered.	10 Rag Pickers will be retained.	MC Ratia	Already achieved
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap, Bye Laws already prepared, notified and	Bye Laws already prepared, notified will be followed.	MC Ratia	Already achieved

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

		advertised as per SWM Rules 2016 and are being followed.			
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### I. Action Plan for Villages/Blocks:-

	Rural Local Bodies	No of Village panchayats /Blocks	No of Households	Population	Solid Waste Generated per day
1	Block /Taluk / Mandal Tehsils	7	149952	720150	141.70 TPD
2	Village/Gram Panchayats	259	149952	720150	141.70 TPD

#### a. Status and action plan for Door to Door Collection:-

Sr. No.	Name of Block	Total no. of villages in the block	Total Population of the Block	Total no. of Households in the Block	Status of door to door collection		
					No. of villages where 100% achieved	No. of villages where 100% not achieved	Target date of completion where 100% not achieved
1.	Fatehabad	48	159008	37579	10	38	31-03-2022
2.	Tohana	49	126375	22879	7	42	31-03-2022
3.	Ratia	50	107554	21477	1	49	31-03-2022
4.	Nagpur	35	76969	16915	4	31	31-03-2022
5.	Bhuna	29	100541	20515	5	24	31-03-2022
6.	Bhattu Kalan	24	103457	21063	7	17	31-03-2022
7.	Jakhal	24	46246	9524	4	20	31-03-2022
	<b>Total:</b>	<b>259</b>	<b>720150</b>	<b>149952</b>	<b>38</b>	<b>221</b>	31-03-2022

#### a. Status and action plan for Segregation:-

Sr. No.	Name of Block	Total no. of villages in the block	Total Population of the Block	Total no. of Households in the Block	Status of Segregation		
					No. of villages where 100% achieved	No. of villages where 100% not achieved	Target date of completion where 100% not achieved
1.	Fatehabad	48	159008	37579	10	38	31-03-2022
2.	Tohana	49	126375	22879	7	42	31-03-2022
3.	Ratia	50	107554	21477	1	49	31-03-2022

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

4.	Nagpur	35	76969	16915	4	31	31-03-2022
5.	Bhuna	29	100541	20515	5	24	31-03-2022
6.	Bhattu Kalan	24	103457	21063	7	17	31-03-2022
7.	Jakhal	24	46246	9524	4	20	31-03-2022
	<b>Total:</b>	<b>259</b>	<b>720150</b>	<b>149952</b>	<b>38</b>	<b>221</b>	31-03-2022

### b. Status and action plan for Treatment for wet waste:-

Sr. No.	Name of Block	Total no. of villages in the block	Total Population of the Block	Total no. of Households in the Block	Status of Treatment for wet waste			
					No. of villages where 100% achieved	No. of villages where 100% not achieved	Target date of completion where 100% not achieved	Action plan for wet waste management
1.	Fatehabad	48	159008	37579	10	38	31-03-2022	Compost Pit
2.	Tohana	49	126375	22879	7	42	31-03-2022	Compost Pit
3.	Ratia	50	107554	21477	1	49	31-03-2022	Compost Pit
4.	Nagpur	35	76969	16915	4	31	31-03-2022	Compost Pit
5.	Bhuna	29	100541	20515	5	24	31-03-2022	Compost Pit
6.	Bhattu Kalan	24	103457	21063	7	17	31-03-2022	Compost Pit
7.	Jakhal	24	46246	9524	4	20	31-03-2022	Compost Pit
	<b>Total:</b>	<b>259</b>	<b>720150</b>	<b>149952</b>	<b>38</b>	<b>221</b>	31-03-2022	

### D. Status and action plan for Treatment for dry waste:-

Sr. No.	Name of Block	Total no. of villages in the block	Total Population of the Block	Total no. of Households in the Block	Status of Treatment for dry waste			
					No. of villages where 100% achieved	No. of villages where 100% not achieved	Target date of completion where 100% not achieved	Action plan for dry waste management
1.	Fatehabad	48	159008	37579	10	38	31-03-2022	Segregation Shed
2.	Tohana	49	126375	22879	7	42	31-03-2022	Segregation Shed

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

3.	Ratia	50	1075 54	21477	1	49	31-03- 2022	Segregation Shed
4	Nagpur	35	7696 9	16915	4	31	31-03- 2022	Segregatio n Shed
5	Bhuna	29	1005 41	20515	5	24	31-03- 2022	Segregatio n Shed
6	Bhattu Kalan	24	1034 57	21063	7	17	31-03- 2022	Segregatio n Shed
7	Jakhal	24	4624 6	9524	4	20	31-03- 2022	
	<b>Total:</b>	<b>259</b>	<b>7201 50</b>	<b>14995 2</b>	<b>38</b>	<b>221</b>	31-03- 2022	



**(ii) Plastic waste Management**

**A. Municipal Council Fatehabad**

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

<b>9.</b>	<b>Plastic Waste Management</b>		
9.1	Quantity of Plastic Waste (TPD)	9.4	
9.2	No. of collection Centre required for plastic waste	01	
9.3	No. of collection Centre provided for plastic waste	01	
9.4	Gap, if any	0	
9.5	If there a Gap, then timelines to achieve the Gap	Target Achieved	
9.6	Mechanism for collection for Plastic Waste	Manually segregated at source at about 20% and remaining 80% segregated at the dumpsite. This segregated and un-segregated plastic transported to disposal site 13 No. of Tippers.	
9.7	Mechanism for segregation for Plastic Waste	Manually segregated at source at about 20% and remaining 80% segregated at the dumpsite.	
9.8	No. of rag pickers integrated	110	
9.9	Mechanism of scientific disposal of Plastic Waste	dry waste have mainly two type plastic waste, One is recyclable plastic waste which will be dispose through HSPCB authorize recyclers and other non- recyclable will be used in road construction and repair in association with PWD and B&R.	
9.10	Quantity of Plastic Waste being disposal scientifically (TPD)	Nil	
9.11	Quantity of Plastic Waste recycled (TPD)	4 TPD	
9.12	Quantity of Plastic Waste used for road construction (MT)	0	Inert , non recycle, single use plastic will be dispose of in road construction in association with PWD, B&R and other concerned agency from 31.03.2022 onwards
9.13	Quantity of Plastic Waste used for incineration in cement plants (MT)	0	
9.14	No. of Producers, Importers, Brand-owners (PUBOs) engaged under extended Producer Responsibility (EPR)	About 30% plastic waste of lead acid batteries, electronic items is channelized through EPR of producer to the recyclers.	
9.15	No. of awareness activities conducted	15 event in a quarter which includes door to door awareness, Rally, through pamphlet, etc.	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### (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
1.	Door to Door collection of dry waste including PW	No Gap, 13 waste collection auto tippers are arranged with separate compartments for collection & Segregation of solid waste from door to door.	Existing System will be maintained and further improved.	MC Fatehabad	Already achieved
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	100 % Gap	Facility will be developed.	MC Fatehabad	31.03.2022
3.	PW collection Centres	No Gap, 1 Collection Centres is available for Collection and Segregation of Plastic waste.	Existing System will be maintained and further improved.	MC Fatehabad	NA
4.	Awareness and education programs implementation	No Gap, MC Fatehabad tries to use every event for IEC activities such as women in a day Celebration, Independence Day.	Existing System will be maintained and further improved.	MC Fatehabad	Already achieved
5.	Access to Plastic Waste Disposal Facilities	No Gap, 13 waste collection auto tippers are arranged with separate compartment for solid waste collection & disposal, from door to door with other waste.	Existing System will be maintained and further improved.	MC Fatehabad	Already achieved

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### B. Municipal Council Tohana

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

9.	Plastic Waste Management		
9.1	Quantity of Plastic Waste (TPD)	7.9	
9.2	No. of collection Centre required for plastic waste	01	
9.3	No. of collection Centre provided for plastic waste	0	
9.4	Gap , if any	1	
9.5	If there a Gap, then timelines to achieve the Gap	31.12.2021	
9.6	Mechanism for collection for Plastic Waste	Manually segregated at source at about 20% and remaining 80% segregated at the dumpsite. This segregated and un-segregated plastic transported to disposal site 6 No. of Tippers.	
9.7	Mechanism for segregation for Plastic Waste	Manually segregated at source at about 20% and remaining 80% segregated at the dumpsite.	
9.8	No. of rag pickers integrated	102	
9.9	Mechanism of scientific disposal of Plastic Waste	Dry waste have mainly two type plastic waste, One is recyclable plastic waste which will be dispose through HSPCB authorize recyclers and other non- recyclable will be used in road construction and repair in association with PWD and B&R.	
9.10	Quantity of Plastic Waste being disposal scientifically (TPD)	Nil	
9.11	Quantity of Plastic Waste recycled (TPD)	3 TPD	
9.12	Quantity of Plastic Waste used for road construction (MT)	0	Inert , non recycle, single use plastic will be dispose of in road construction in association with PWD, B&R and other concerned agency from 31.03.2022 onwards
9.13	Quantity of Plastic Waste used for incineration in cement plants (MT)	0	
9.14	No. of Producers, Importers, Brand-owners (PUBOs) engaged under extended Producer Responsibility (EPR)	About 30% plastic waste of lead acid batteries, electronic items is channelized through EPR of producer to the recyclers.	
9.15	No. of awareness activities conducted	15 event in a quarter which includes door to door awareness, Rally, trough pamphlet, etc.	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### 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
1.	Door to Door collection of dry waste including PW	No Gap, 6 waste collection auto tippers are arranged with separate compartment for solid waste collection & Segregation from door to door.	Existing System will be maintained and further improved.	MC Tohana	Already achieved
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	100 % Gap	Facility will be developed.	MC Tohana	31.12.2021
3.	PW collection Centers	100% Gap	1 Collection Centres will be developed for Collection and Segregation of Plastic waste.	MC Tohana	31.12.2021
4.	Awareness and education programs implementation	No Gap, MC Fatehabad tries to use every event for IEC activities such as women in a day Celebration, Independence Day.	Existing System will be maintained and further improved.	MC Tohana	Already achieved
5.	Access to Plastic Waste Disposal Facilities	No Gap, 6 waste collection auto tippers are arranged with separate compartment for solid waste collection & disposal, from door to door with other waste.	Existing System will be maintained and further improved.	MC Tohana	31.12.2021

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### C. Municipal Committee Jakhal

#### a. Current status related to Plastic waste management

9.	Plastic Waste Management		
9.1	Quantity of Plastic Waste (TPD)	1.6	
9.2	No. of collection Centre required for plastic waste	01	
9.3	No. of collection Centre provided for plastic waste	0	
9.4	Gap , if any	1	
9.5	If there a Gap, then timelines to achieve the Gap	31.03.2022	
9.6	Mechanism for collection for Plastic Waste	Manually segregated at source at about 20% and remaining 80% segregated at the dumpsite. This segregated and un-segregated plastic transported to disposal site 4 No. of Tippers.	
9.7	Mechanism for segregation for Plastic Waste	Manually segregated at source at about 20% and remaining 80% segregated at the dumpsite.	
9.8	No. of rag pickers integrated	20	
9.9	Mechanism of scientific disposal of Plastic Waste	Dry waste have mainly two type plastic waste, One is recyclable plastic waste which will be dispose through HSPCB authorize recyclers and other non- recyclable will be used in road construction and repair in association with PWD and B&R.	
9.10	Quantity of Plastic Waste being disposal scientifically (TPD)	Nil	
9.11	Quantity of Plastic Waste recycled (TPD)	0.3 TPD	
9.12	Quantity of Plastic Waste used for road construction (MT)	0	Inert, non recycle, single use plastic will be dispose of in road construction in association with PWD, B&R and other concerned agency from 31.03.2022 onwards
9.13	Quantity of Plastic Waste used for incineration in cement plants (MT)	0	
9.14	No. of Producers, Importers, Brand-owners (PUBOs) engaged under extended Producer Responsibility (EPR)	About 30% plastic waste of lead acid batteries, electronic items is channelized through EPR of producer to the recyclers.	
9.15	No. of awareness activities conducted	10 event in a quarter which includes door to door awareness, Rally, trough pamphlet, etc.	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### 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
1.	Door to Door collection of dry waste including PW	No Gap, 4 waste collection auto tippers are arranged with separate compartment for solid waste collection & Segregation from door to door.	Existing System will be maintained and further improved.	MC Jakhal	Already achieved
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	100 % Gap	Facility will be developed.	MC Jakhal	31.12.2021
3.	PW collection Centres	100% Gap	1 Collection Centres will be developed for Collection and Segregation of Plastic waste.	MC Jakhal	31.12.2021
4.	Awareness and education programs implementation	No Gap, MC Fatehabad tries to use every event for IEC activities such as women in a day Celebration, Independence Day.	Existing System will be maintained and further improved.	MC Jakhal	Already achieved
5.	Access to Plastic Waste Disposal Facilities	No Gap, 4 waste collection auto tippers are arranged with separate compartment for solid waste collection & disposal, from door to door with other waste.	Existing System will be maintained and further improved.	MC Jakhal	31.12.2021

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### D. Municipal Committee Bhuna

#### a. Current status related to Plastic waste management

9.	Plastic Waste Management		
9.1	Quantity of Plastic Waste (TPD)	4	
9.2	No. of collection Centre required for plastic waste	01	
9.3	No. of collection Centre provided for plastic waste	0	
9.4	Gap , if any	01	
9.5	If there a Gap, then timelines to achieve the Gap	01	
9.6	Mechanism for collection for Plastic Waste	Manually segregated at source at about 20% and remaining 80% segregated at the dumpsite. This segregated and un-segregated plastic transported to disposal site 4 No. of Tippers.	
9.7	Mechanism for segregation for Plastic Waste	Manually segregated at source at about 20% and remaining 80% segregated at the dumpsite.	
9.8	No. of rag pickers integrated	25	
9.9	Mechanism of scientific disposal of Plastic Waste	Dry waste have mainly two type plastic waste, One is recyclable plastic waste which will be dispose through HSPCB authorize recyclers and other non- recyclable will be used in road construction and repair in association with PWD and B&R.	
9.10	Quantity of Plastic Waste being disposal scientifically (TPD)	Nil	
9.11	Quantity of Plastic Waste recycled (TPD)	1 TPD	
9.12	Quantity of Plastic Waste used for road construction (MT)	0	Inert , non recycle, single use plastic will be dispose of in road construction in association with PWD, B&R and other concerned agency from 31.03.2022 onwards
9.13	Quantity of Plastic Waste used for incineration in cement plants (MT)	0	
9.14	No. of Producers, Importers, Brand-owners (PUBOs) engaged under extended Producer Responsibility (EPR)	About 30% plastic waste of lead acid batteries, electronic items is channelized through EPR of producer to the recyclers.	
9.15	No. of awareness activities conducted	10 event in a quarter which includes door to door awareness, Rally, trough pamphlet, etc.	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### 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
1.	Door to Door collection of dry waste including PW	50% Gap, 3 more waste collection auto tippers are required.	3 more waste collection auto tippers will be arranged with separate compartment for solid waste collection & Segregation from door to door.	MC Ratia	31.12.2021
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	100 % Gap	Facility will be developed.	MC Ratia	31.12.2021
3.	PW collection Centers	100% Gap	1 Collection Centres will be developed for Collection and Segregation of Plastic waste.	MC Ratia	31.12.2021
4.	Awareness and education programs implementation	No Gap, MC Fatehabad tries to use every event for IEC activities such as women in a day Celebration, Independence Day.	Existing System will be maintained and further improved.	MC Ratia	Already achieved
5.	Access to Plastic Waste Disposal Facilities	50% Gap, 3 More waste collection auto tippers are required with separate compartment for solid waste collection & disposal, from door to door with other waste.	, 3 More waste collection auto tippers will be arranged with separate compartment for solid waste	MC Ratia	31.12.2021



## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### E. Municipal Committee Ratia

#### a. Current status related to Plastic waste management

9.	Plastic Waste Management		
9.1	Quantity of Plastic Waste (TPD)	4.8	
9.2	No. of collection Centre required for plastic waste	01	
9.3	No. of collection Centre provided for plastic waste	0	
9.4	Gap , if any	1	
9.5	If there a Gap, then timelines to achieve the Gap	31.03.2022	
9.6	Mechanism for collection for Plastic Waste	Manually segregated at source at about 20% and remaining 80% segregated at the dumpsite. This segregated and un-segregated plastic transported to disposal site 4 No. of Tippers.	
9.7	Mechanism for segregation for Plastic Waste	Manually segregated at source at about 20% and remaining 80% segregated at the dumpsite.	
9.8	No. of rag pickers integrated	25	
9.9	Mechanism of scientific disposal of Plastic Waste	Dry waste have mainly two type plastic waste, One is recyclable plastic waste which will be dispose through HSPCB authorize recyclers and other non- recyclable will be used in road construction and repair in association with PWD and B&R.	
9.10	Quantity of Plastic Waste being disposal scientifically (TPD)	3TPD	
9.11	Quantity of Plastic Waste recycled (TPD)	3 TPD	
9.12	Quantity of Plastic Waste used for road construction (MT)	0	Inert , non recycle, single use plastic will be dispose of in road construction in association with PWD, B&R and other concerned agency from 31.03.2022 onwards
9.13	Quantity of Plastic Waste used for incineration in cement plants (MT)	0	
9.14	No. of Producers, Importers, Brand- owners (PUBOs) engaged under extended Producer Responsibility (EPR)	About 30% plastic waste of lead acid batteries, electronic items is channelized through EPR of producer to the	

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

		recyclers.	
9.15	No. of awareness activities conducted	15 event in a quarter which includes door to door awareness, Rally, trough pamphlet, etc.	

### 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
1.	Door to Door collection of dry waste including PW	No Gap, 4 waste collection auto tippers are arranged with separate compartment for solid waste collection & Segregation from door to door.	Existing System will be maintained and further improved.	MC Bhuna	Already achieved
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	100 % Gap	Facility will be developed.	MC Bhuna	31.12.2021
3.	PW collection Centres	100% Gap	1 Collection Centres will be developed for Collection and Segregation of Plastic waste.	MC Bhuna	31.12.2021
4.	Awareness and education programs implementation	No Gap, MC Fatehabad tries to use every event for IEC activities such as women in a day Celebration, Independence Day.	Existing System will be maintained and further improved.	MC Bhuna	Already achieved

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

5.	Access to Plastic Waste Disposal Facilities	No Gap, 4 waste collection auto tippers are arranged with separate compartment for solid waste collection & Segregation from door to door.	Existing System will be maintained and further improved.	MC Bhuna	31.12.2021
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### For Action Plan for Villages/Blocks:-

#### a. Status and action plan for Door to Door Collection:-

Sr. No.	Name of Block	Total no. of villages in the block	Total Population of the Block	Total no. of Households in the Block	Status of door to door collection		
					No. of villages where 100% achieved	No. of villages where 100% not achieved	Target date of completion where 100% not achieved
1.	Fatehabad	48	159008	37579	10	38	31-03-2022
2.	Tohana	49	126375	22879	7	42	31-03-2022
3.	Ratia	50	107554	21477	1	49	31-03-2022
4.	Nagpur	35	76969	16915	4	31	31-03-2022
5.	Bhuna	29	100541	20515	5	24	31-03-2022
6.	Bhattu Kalan	24	103457	21063	7	17	31-03-2022
7.	Jakhal	24	46246	9524	4	20	31-03-2022
<b>Total:</b>		<b>259</b>	<b>720150</b>	<b>149952</b>	<b>38</b>	<b>221</b>	31-03-2022

#### b. Status and action plan for Segregation and channelization: -

Sr. No.	Name of Block	Total no. of villages in the block	Total Population of the Block	Total no. of Households in the Block	Status of Segregation			Channelization of collected plastic waste
					No. of villages where 100% achieved	No. of villages where 100% not achieved	Target date of completion where 100% not achieved	
1.	Fatehabad	48	159008	37579	10	38	31-03-2022	By tricycle

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

2.	Tohana	49	126375	22879	7	42	31-03-2022	By tricycle
3.	Ratia	50	107554	21477	1	49	31-03-2022	By tricycle
4.	Bhattu Kalan	35	76969	16915	4	31	31-03-2022	By tricycle
5.	Bhuna	29	100541	20515	5	24	31-03-2022	By tricycle
6.	Jakhal	24	103457	21063	7	17	31-03-2022	By tricycle
7.	Nagpur	24	46246	9524	4	20	31-03-2022	By tricycle
	<b>Total</b>	<b>259</b>	<b>720150</b>	<b>149952</b>	<b>38</b>	<b>221</b>	31-03-2022	By tricycle

**(iii) C & D Waste Management**

**A. Municipal Council, Fatehabad**

**a. Current status related to C&D waste management**

<b>Details of Data Requirement</b>	<b>Present Status</b>
Total C & D waste generation in MT per day (As per data from Municipal Corporations / Municipalities)	1.5 TPD
Does the District has access to C&D waste recycling facility?	Yes, site is easily accessible

**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.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	100% Gap	1. Site will be identified for C&D waste deposition 2. Separate vehicles will be arranged for C&D waste collection & Transportation at deposition site	MC Fatehabad	31.03.2022
2.	Whether local authority have fixed user fee on C&D waste and Introduce 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?	No Gap, As user fees of Rs.1000/- per Trolley has been fixed for Colloction of C&D waste. No BWG has been identified in city who who generate more than 20 tons or more in one day or 300 tons per Month.	Not applicable at this stage.	MC Fatehabad	Already achieved
3.	C&D recycling Facility	100 %, C&D waste recycling facility is not available	Tender Process has been initiated.	MC Fatehabad	31.03.2022
4.	Usage of recycled C&D waste in non- structural	100%, C&D waste facility is not	Tender Process has	MC Fatehabad	31.03.2022

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

	concrete, paving blocks, lower layers of road pavements, colony and rural roads	available	been initiated. Municipality is using C&D waste for filling of low-lying area. C&D waste will be used for tiles, bricks and dust formation for compensate to requirement of construction raw material.		
5.	ICE on C & D waste management	50%	1. By Advertisement in Local News Papers 2. Meeting with Contractor. 3. By Notice to Bulk waste generators.	MC Fatehabad	31.03.2022

### B. Municipal Council Tohana

#### a. Current status related to C&D waste management

Details of Data Requirement	Present Status
Total C & D waste generation in MT per day (As per data from Municipal Corporations / Municipalities)	1.5 TPD
Does the District has access to C&D waste recycling facility?	No, Site will be identified for C&D waste deposition

#### 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.	100% Gap	1. Site will be identified for C&D waste deposition 2. Separate vehicles will be arranged for C&D	MC Tohana	31.03.2022

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			waste collection & Transportation at deposition site		
2.	Whether local authority have fixed user fee on C&D waste and Introduce 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?	No Gap, As user fees of Rs.1000/- per Trolley has been fixed for Colloction of C&D waste. No BWG has been identified in city who who generate more than 20 tons or more in one day or 300 tons per Month.	Not applicable at this stage.	MC Tohana	Already achieved
3.	C&D Recycling Facility	100 %, C&D waste recycling facility is not available	Tender Process has been initiated.	MC Tohana	31.03.2022
4.	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	100%, C&D waste facility is not available	Tender Process has been initiated. Municipality is using C&D waste for filling of low-lying area. C&D waste will be used for tiles, bricks and dust formation for compensate to requirement of construction raw material.	MC Tohana	31.03.2022
5.	ICE on C & D waste management	50%	1. By Advertisemen t in Local News Papers 2. Meeting with	MC Tohana	31.03.2022

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			Contractor. 3. By Notice to Bulk waste generators.		
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### C. Municipal Committee Jakhal

#### a. Current status related to C&D waste management

Details of Data Requirement	Present Status
Total C & D waste generation in MT per day (As per data from Municipal Corporations / Municipalities)	0.5 TPD
Does the District has access to C&D waste recycling facility?	No, Site will be identified for C&D waste deposition

#### 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.	100% Gap	1. Site will be identified for C&D waste deposition 2. Separate vehicles will be arranged for C&D waste collection & Transportation at deposition site	MC Jakhal	31.03.2022
2.	Whether local authority have fixed user fee on C&D waste and Introduce 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?	No Gap, As user fees of Rs.1000/- per Trolley has been fixed for Collection of C&D waste. No BWG has been identified in city who generate more than 20 tons or more in one day or 300 tons per	Not applicable at this stage.	MC Jakhal	Already achieved



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		Month.			
3.	C&D recycling Facility	100 %, C&D waste recycling facility is not available	Tender Process has been initiated.	MC Jakhal	31.03.2022
4.	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	100%, C&D waste facility is not available	Tender Process has been initiated. Municipality is using C&D waste for filling of low-lying area. C&D waste will be used for tiles, bricks and dust formation for compensate to requirement of construction raw material.	MC Jakhal	31.03.2022
5.	ICE on C & D waste management	50%	1. By Advertisement in Local News Papers 2. Meeting with Contractor. 3. By Notice to Bulk waste generators.	MC Jakhal	31.03.2022

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### D. Municipal Committee Ratia

#### a. Current status related to C&D waste management

Details of Data Requirement	Present Status
Total C & D waste generation in MT per day (As per data from Municipal Corporations / Municipalities)	1.5 TPD
Does the District has access to C&D waste recycling facility?	No, Site will be identified for C&D waste deposition

#### 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.	100% Gap	1. Site will be identified for C&D waste deposition 2. Separate vehicles will be arranged for C&D waste collection & Transportation at deposition site	MC Ratia	31.03.2022
2.	Whether local authority have fixed user fee on C&D waste and Introduce 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?	No Gap, As user fees of Rs.1000/- per Trolley has been fixed for Colloction of C&D waste. No BWG has been identified in city who who generate more than 20 tons or more in one day or 300 tons per Month.	Not applicable at this stage.	MC Ratia	Already achieved
3.	C&D recycling Facility	100 %, C&D waste recycling facility is not available	Tender Process has been initiated.	MC Ratia	31.03.2022

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4.	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	100%, C&D waste recycling facility is not available	Tender Process has been initiated. Municipality is using C&D waste for filling of low-lying area. C&D waste will be used for tiles, bricks and dust formation for compensate to requirement of construction raw material.	MC Ratia	31.03.2022
5.	ICE on C & D waste management	50%	1. By Advertisement in Local News Papers 2. Meeting with Contractor. 3. By Notice to Bulk waste generators.	MC Ratia	31.03.2022

### E. Municipal Committee Bhuna

#### a. Current status related to C&D waste management

Details of Data Requirement	Present Status
Total C & D waste generation in MT per day (As per data from Municipal Corporations / Municipalities)	1.5 TPD
Does the District has access to C&D waste recycling facility?	No, Site will be identified for C&D waste deposition

#### 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.	100% Gap	1. Site will be identified for C&D waste deposition 2. Separate vehicles will be arranged for	MC Bhuna	31.03.2022

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			C&D waste collection & Transportation at deposition site		
2.	Whether local authority have fixed user fee on C&D waste and Introduce 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?	No Gap, As user fees of Rs.1000/- per Trolley has been fixed for Collection of C&D waste. No BWG has been identified in city who generate more than 20 tons or more in one day or 300 tons per Month.	Not applicable at this stage.	MC Bhuna	Already achieved
3.	C&D Recycling Facility	100 %, C&D waste recycling facility is not available	Tender Process has been initiated.	MC Bhuna	31.03.2022
4.	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	100%, C&D waste facility is not available	Tender Process has been initiated. Municipality is using C&D waste for filling of low-lying area. C&D waste will be used for tiles, bricks and dust formation for compensate to requirement of construction raw material.	MC Bhuna	31.03.2022
5.	ICE on C & D waste management	50%	1. By Advertisement in Local News Papers 2. Meeting with Contractor. 3. By Notice to Bulk waste generators.	MC Bhuna	31.03.2022

#### **(iv) Biomedical Waste Management**

##### **a. Current status related to BM waste management**

In District Fatehabad, total 210 nos. Health Care Facilities (HCF's) are operational including bedded and non bedded facilities. From these HCF's total approx. 350 KG/day Bio Medical Waste is being generated. There are some Veterinary hospitals/dispensaries available to cater out the health need of cattle in the District. Common Bio Medical Waste Treatment Facilities (CBMWTF) are operational in adjoining district Sirsa i.e. M/s Invision Enviro Services Pvt. Ltd., Phulkan, Sirsa & M/s Surya waste Management service, Located at Sahuwala Road, village Chadiwal to cater out the need of safe transportation, treatment and disposal of bio medical waste generated in the District Fatehabad.

The bio medical waste generated in District Fatehabad is transported, treated and disposed of through the Common facilities M/s Invision Enviro Protection Pvt. Ltd., Phulkan, Sirsa (Pvt. HCFs) & M/s Surya waste Management service, Located at Sahuwala Road, village Chadiwal (Govt. HCFs). The said facilities has obtained the authorization under BMW Rules, 2016 and also obtained the required Consent to Operate as per requirement of Water Act 1974 and Air Act 1981. The common facilities are having the updated and required machinery i.e. Incinerator of 200 Kg per hour capacity, Autoclave of 400 Liter batch and Shredder of 100 Kg per hour capacity for disposal of said bio medical waste generated. The said CBWTFs are using Bar Coding System and taken all steps required to ensure that bio- medical waste is managed in such a manner as to protect health and environment against any adverse effects due to handling of such waste. The compliance status of the CBWTFs is verified on quarterly basis by HSPCB team regularly. The said CBWTFs have already upgraded incinerators to achieve the standards for retention time in secondary chamber and Dioxin and Furans and complying the emission and discharge standards as per schedule II; of BMW Rules 2016. All the 210 HCFs has trained their staffs, health care workers and others, involved in handling of bio medical waste at the time of induction and thereafter once in every year. The CBWTF as well as HCFs has established a Bar-Code System for bags or containers containing bio-medical waste to be sent out of the premises or place for any purpose. All the HCFs segregating their Biomedical waste at the source of generation as per the requirements of Biomedical waste management rules 2016. All the HCFs has implemented the segregation of liquid chemical waste at source and pre-treatment or neutralization by using 10% Sodium hypo Chlorite solution; prior to mixing with other effluent generated from health care facilities. The healthcare facilities other than

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

having terminal treatment in the form of STP of PHED/HSVP/ULBs has installed their own waste water treatment plants as per CPCB norms. All the HCFs as well as CBWTF are submitting Annual Reports by online mode.

Inventory of BMW in the District	Quantity
No. of HCFs authorized by SPCBs/PCCs	210
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	2 Nos. in adjoining district Sirsa
Capacity of CBWTFs	Incinerator of 200 Kg per hour capacity, Autoclave of 400 Litter per batch and Shredder of 100 Kg per hour capacity
No. of Deep burials for BMW if any	Nil

### b. Identification of gaps and Action plan

S. No.	Action points	Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Inventory and Identification of Healthcare Facilities	No gap, Inventorization & Identification of HCF has already been done in District Fatehabad with having total 210 nos. HCF's are operational including bedded and non bedded facilities. Also there are some Veterinary hospitals/dispensaries available to cater out the health need of total approximate cattle population of 195000 in the District.	Identification of :- <ul style="list-style-type: none"> <li>• Number of bedded and non-bedded Government and Private Health Care Facilities in the Districts</li> <li>• Number of Blood Banks, Clinical labs in the Districts</li> <li>• Veterinary Institution &amp; Animal Husbandry</li> <li>• List of Medical Institution Forensic Labs &amp; RD labs, etc., &amp; further this is an ongoing process</li> </ul>	<ul style="list-style-type: none"> <li>• Health Department</li> <li>• HSPCB</li> <li>• Animal Husbandry and Dairy Deptt.</li> <li>• CBWTF</li> </ul>	The Inventorization of HCFs already done and further it is an ongoing process/activity.
2.	Adequacy of facilities to treat biomedical waste	There is no Gap as two CBWTF, M/s Surya waste Management service, Located at Sahuwala Road, village Chadiwal, Sirsa and Invision Enviro Services located at Village Phoolkan, Sirsa situated in adjoining district	<ul style="list-style-type: none"> <li>• Already installed 2 Common Bio Medical Waste Treatment Facilities (CBWTF) occupied with Incinerators having residence time of 2 seconds, shredders with autoclaving facilities, sanitary landfills, ash pits in</li> </ul>	<ul style="list-style-type: none"> <li>• HSPCB</li> <li>• Deptt. Of Environment &amp; Climate Change, Govt. Of Haryana</li> <li>• Health Department</li> <li>• CBWTF</li> </ul>	The existing facility and infrastructure are adequate enough with having optimum capacity to cater out the need for safe disposal of BMW Generated throughout the

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		Sirsa.	<p>the adjoining district Sirsa.</p> <ul style="list-style-type: none"> <li>Already done, Phasing-out the use of chlorinated plastic bags.</li> <li>No deep burial and open littering of Bio-Medical Waste done in the district.</li> </ul>		<p>district. Rest as per plan approved by State Government and consideration of Central Pollution Control Board guidelines for setting up of CBMWTFs, no fresh CBWTF can be established.</p>
3.	Tracking of BMW	Bar coding system is implemented & adopted by HCFs partially i.e. by 156 No. of HCF out of total 210 existing and operational throughout the district.	<ul style="list-style-type: none"> <li>Every HCF shall be enforcing to adopt bar-coding system for the purpose of monitoring and tracking of BMW generated and its safe transportation and disposal to CBWTF.</li> <li>Ensuring Bar Coding &amp; Segregation at Source system adopted for Yellow, red, White and Blue containers with quantification of waste.</li> <li>To verify the number of dedicated collection vehicles matching with the quantity of Bio Medical Waste quantity generation and duration of travel.</li> </ul>	<ul style="list-style-type: none"> <li>HSPCB</li> <li>HCF</li> <li>CBWTF</li> </ul>	100% HCFs will be covered under the ambit of bar-coding by 31.12.2021.
4.	Awareness and education of healthcare staff	Regular training and awareness programs are being and need	Existing System will be Maintained and further strengthened	<ul style="list-style-type: none"> <li>Health Department</li> <li>HSPCB</li> <li>Animal Husbandry</li> </ul>	The training to health care workers is a on-

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		to be conducted for healthcare staff dealing with Bio-Medical Waste in association with Health Department in existing HCF's.		and Dairying, Deptt.	going process and health camps on quarterly basis will be organized for training/sensitization and immunization will be carried out on quarterly basis.
5.	Adequacy of funds	No Gap, Adequate funds have been allocated to Government health care facilities for bio-medical waste management by State Govt.	Existing System will be Maintained and further strengthened	<ul style="list-style-type: none"> <li>• Health Department</li> <li>• Animal Husbandry and Dairying, Deptt.</li> </ul>	Already Achieved
6.	Compliance to Rules by HCFs and CBWTFs	<ul style="list-style-type: none"> <li>• To ensure that all the HCF existing and operating in the district should obtained prior Authorization under BMW Rules 2016 and Consent under Water (P &amp;CP)Act, 1974 and under Air (P&amp;CP) Act, 1981 as per the coverage of the HCF in consent management policy of HSPCB.</li> <li>• The service provider is using the dedicated collection vehicles equipped with GPS</li> </ul> <p>All the HCFs except Veterinary hospitals/dispensaries have obtained authorization under BMW Rules.</p>	<ul style="list-style-type: none"> <li>• The random monthly mandatory inspections of the HCFs as allotted centrally by the Head office of HSPCB are being carried out.</li> <li>• The quarterly inspection of the CBWTFs is being carried out regularly.</li> <li>• To verify the operation of GPS in each of the dedicated vehicles and functioning of the tracking system in the respective CBWTFs portal</li> </ul>	<ul style="list-style-type: none"> <li>• Health Department</li> <li>• HSPCB</li> </ul>	All 210 HCFs are having Valid Authorization under BMW.
7.	District Level Monitoring	The State Level Advisory Committee	• The District Level Monitoring	• Deputy Commissioner	To Conduct meeting of the



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	Committee	has already been constituted in the State for implementation of BMW Rules, 2016.	Committee comprising Chief Medical Officer, RO, HSPCB Hisar, E.E Public Health, E.E ULBs Fatehabad, Representative of Indian Medical Association, Representative of common bio-medical waste treatment facility under the Chairmanship of Deputy Commissioner, Fatehabad is working .	<ul style="list-style-type: none"> <li>• Health Department</li> <li>• HSPCB</li> <li>• Animal Husbandry and Dairying, Deptt.</li> </ul>	District Level Monitoring Committee in a fixed interval.
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### **(v) Hazardous Waste Management**

#### **a. Current status related to Hazardous waste management**

There are approximate 105 large/medium/small scale industries existing in District Fatehabad and out of which only 14 no. of industries are generating hazardous waste and engaged mainly in processes of acid pickling/scaling/electroplating for metal surface treatment and finishing or a recycler/utilizer/actual user of hazardous and other waste listed under Schedule-I, III & Schedule-IV of the rules and hence having potential of generation of hazardous waste Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

The ETP chemical sludge generated from 14 no. of individual/stand alone effluent treatment plant installed by the various industrial units is the potentially hazardous waste in the District. Further there is approximate 03 MT/Day generation of hazardous waste in the District including the used oil is being generated from the various diesel generator sets (DGs) operating in various industries and other facilities such as hotels/hospitals/banquet hall/commercial buildings etc as alternate source of power. The used oil is categorized as hazardous waste as per Schedule-I of the Rules. There is total 228 no. of authorized recyclers/utilizers existing and operating throughout the State through which the recyclable/ reprocessing hazardous waste and other waste generating from district Fatehabad can be safely disposed off.

The State of Haryana is having an Integrated Common Hazardous Waste Treatment Storage and Disposal Facility (ICHWTSDF) located at Village Pali, District Faridabad. The facility includes the process of Solidification and Stabilization, secured landfill, Incineration, disposal and provide the scientific transport facility to all the industries in the State. The Haryana Environment Management Society (HEMS) is facilitating ICHWTSDF to aid its members with effective-management of industrial hazardous waste. This ICHWTSDF facility is operated by Gujarat Environment Protection & Infrastructure Ltd. (GEPIL), Haryana. The hazardous waste generated in the District is scientifically treated and disposed as per the provisions of Hazardous and Other Wastes (M&TBM) Rule 2016 at ICHWTSDF. The ICHWTSDF facility was operationalized in the year 2008 in the State and having capacity to serve the State for 35 years.

The hazardous and other waste generated as per Schedule-III & Schedule-IV of HoWM Rules, 2016, is being disposed of through 228 no. of recycler/utilization/actual user facilities authorized by HSPCB operating throughout the State having environmentally sound technology duly approved by CPCB. As per provisions of HOWM Rules, 2016 all such industries which are generating, handling, transporting, utilizing, recycling the hazardous and other waste required prior authorization from HSPCB.

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### 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	<ul style="list-style-type: none"> <li>All the 14 no. of industries which are generating hazardous waste have made agreement either with the ICHWTSDF facility or with the authorized recycler/utilization/actual user facilities authorized by HSPCB operating throughout the State for transportation, treatment and disposal of hazardous and other waste generated.</li> <li>These industries are not filling annual returns regularly as per Form 3 &amp; Form 4 of HoWM Rules, 2016 with HSPCB.</li> <li>The random monthly mandatory inspections of the hazardous waste generating units as allotted centrally by the Head office of HSPCB need to be conducted.</li> <li>The hazardous waste generated in the District is need to be scientifically treated and disposed as per the provisions of Hazardous and Other Wastes (M&amp;TBM) Rule 2016 at ICHWTSDF.</li> </ul>	<ul style="list-style-type: none"> <li>Identification of Number of units generating hazardous waste in the District</li> <li>Safe storage and handling of hazardous waste generated</li> <li>Channelization and safe transportation of hazardous waste to the disposal facility/recycler</li> <li>Inventory of Common Hazardous Waste Treatment and Disposal facility and authorized recycler</li> <li>Enforcing the industries for filing of annual returns as per Form 3 &amp; Form 4 of HoWM Rules, 2016.</li> <li>To ensure that all the industries generating hazardous waste existing and operating in the district should obtain prior Authorization under HoWM Rules 2016 and Consent to Establish and Consent to Operate under Water (P &amp;CP) Act, 1974 and under Air (P&amp;CP) Act, 1981 as per the coverage of the industry in consent management policy of HSPCB.</li> <li>Execution of valid agreement with service provider for safe disposal of hazardous waste generated.</li> <li>Periodic Inspection of Units generating Hazardous waste.</li> </ul>	<ul style="list-style-type: none"> <li>HSPCB</li> <li>DIC</li> </ul>	<ul style="list-style-type: none"> <li>The Inventorization of hazardous waste generating units already done and the same is ongoing Process/activity</li> <li>The fresh process of Inventorization will be completed in next 03 months with the help of concerned stakeholders.</li> <li>The inventory of all waste/used oil generators will be completed within 01 year.</li> <li>The authorization for hazardous waste generating units will be reviewed and granted within 06 month time.</li> <li>The status of CTO to hazardous waste generating units requiring CTO will be reviewed and covered under the ambit of Consent Management within 01 year.</li> <li>The execution of agreement by the various hazardous waste units with ICHWTSDF or a recycler /utilize facility will be reviewed and compliance will be ensured within 01-year time.</li> <li>Insurance of the Submission of annual returns in Form 3 &amp;</li> </ul>

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

					Form 4 by industries generating Haz. Waste within 06 months time. • Online Verification of manifest supplied by ICHWTSDF facility and authorized recycler within 01 year.
2.	Establishment of collection centers	No gap, as all the units which are generating hazardous waste and having agreement with common TSDF are in easy and direct approach of dedicated transporting vehicles of service provider and hence linked to Common TSDFs.	Haz. Waste is stored temporarily within the premises of unit generating itself in a separate leachate proof hazardous waste storage room.	<ul style="list-style-type: none"> <li>• HSPCB</li> <li>• ICHWTSD F</li> </ul>	N.A.
3.	Training of workers involved in handling / recycling / disposal of HW	Training need to be conducted.	Training programs shall be conducted to train the workers on safety aspects who are working in facilities /Industries engaged in handling/ recycling/pre- processing of hazardous waste in association with Department of Industries as per provisions under HOWM Rules, 2016	<ul style="list-style-type: none"> <li>• HSPCB</li> <li>• DIC</li> </ul>	Training programmes shall be conducted upto 31.03.2022.
4.	Availability / Linkage with common TSDF or disposal facility	No gap, as all the units which are generating hazardous waste and having agreement with common TSDF are in easy and direct access of dedicated transporting vehicles of service provider and hence linked to Common TSDFs.	Existing system will be maintained.	<ul style="list-style-type: none"> <li>• HSPCB</li> <li>• ICHWTSD F</li> </ul>	No Timeline is required to be set.
5.	Contaminated Sites	No Contaminated Site available within the district.	Existing system will be maintained.	<ul style="list-style-type: none"> <li>• HSPCB</li> </ul>	No Timeline is required to be set.

**(v) E- Waste Management**

**a. Current status related to E- waste management**

The district is having some bulk consumers of E-waste in terms of Govt. offices, banks, educational institutes and industries. The E-waste generated from households in the District is now channelized and started disposing of through authorized recycler/dismantler. The legacy E-waste as on the date of issuance of the E-waste Rules not available. Presently in the District there is no recycler and dismantler of the E-waste, however, there are **47 nos.** authorized recyclers/dismantler/ refurbisher in the State through which the E-waste generated in the District may be disposed of. Moreover, Inventorization of bulk consumers and dealers of electronic/electric instruments need to be done for implementation of E-waste Rules.

Details of Data Requirement	Present Status
Inventory of E-Waste in MT/year	0.3 TP/Annum
Collection centers established by ULBs in the District	01
Collection centers established by Producers or their PROs	0
No. of authorized E-Waste recyclers / Dismantler	0

**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	100% Gap in Inventorization of bulk waste generators of E-Waste.	<ul style="list-style-type: none"> <li>Inventorization of bulk waste generators shall be done with the help of local administration and Municipal Corporation, Fatehabad.</li> <li>Channelization of E-waste to registered recycler/dismantler/refurbisher available throughout the state for safe disposal and recovery of material after recycling.</li> </ul>	<ul style="list-style-type: none"> <li>HSPCB</li> <li>ULBs, Fatehabad</li> </ul>	<ul style="list-style-type: none"> <li>Inventorization of bulk waste generators shall be completed 31.03.2022.</li> <li>Channelization of E-waste to registered recycler/dismantler/refurbisher shall be completed by 30.06.2022.</li> </ul>
2	E-Waste collection points	80 % Gap, As out of 05 MCs the 01 no. MC i.e. MC, Fatehabad has setup a collection	Installation of E-Waste collection points/centers in villages - Blocks/towns /cities in association with District administration	<ul style="list-style-type: none"> <li>HSPCB</li> <li>ULBs, Fatehabad</li> <li>BDPO/DDPO</li> </ul>	31.03.2022

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		centre and there is a gap of setting up of collection centers in rest of 05 MCs. Also out of 07 no. of village blocks available in District Fatehabad, none has established such e-waste collection centre.	Producers their PROs or Recyclers.  Installation of E-Waste collection points/centers in remaining 04 no. of MCs and 07 no. of village blocks need to be done by respective MCs and BDPO/DDPO		
3	Linkage among Stakeholders to channelize E-Waste	100 % Gap, District administration need to collect information on collection centers established by Producers /PROs. Administration need also to identify authorized E-Waste recyclers in the district or in State to channelize E-waste collected in District.	<ul style="list-style-type: none"> <li>To collect information about collection centers with the help of local administration, ULBs, Fatehabad and Producers/PROs and further linkage with registered E-Waste recycler/dismantler/refurbisher for channelization of E-Waste.</li> </ul>	<ul style="list-style-type: none"> <li>ULBs, Fatehabad</li> <li>HSPCB</li> </ul>	<ul style="list-style-type: none"> <li>Linkage among Stakeholders to channelize E-Waste shall be completed by 30.06.2022.</li> </ul>
4	Regulation of Illegal E- Waste recycling / dismantling	No Gap, As there is no such Illegal E- Waste recycling / dismantling facilities existing in district Fatehabad.	No Gap, however regular vigil is being taken for such activities.	<ul style="list-style-type: none"> <li>HSPCB</li> <li>ULBs, Fatehabad</li> </ul>	<ul style="list-style-type: none"> <li>Regular checking/inspection of field in association with stakeholders.</li> </ul>
5	Integration of informal sector	100 % Gap, As no mechanism exists for bringing informal sector into main stream in collection and recycling of E-Waste	<ul style="list-style-type: none"> <li>Identification of group of informal sector viz. Rag Pickers, Electronic/Electrical Repair Shops involved in collection of E-Waste and channelization of the same in to main stream with the help of local administration</li> </ul>	<ul style="list-style-type: none"> <li>HSPCB</li> <li>ULBs, Fatehabad</li> </ul>	<ul style="list-style-type: none"> <li>Integration of informal sector shall be completed by 30.06.2022.</li> </ul>

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

			and ULBs, Fatehabad.		
6	Awareness and Education	100 % Gap.	<ul style="list-style-type: none"> <li>• Conducting of special workshops and awareness campaigns through Producers/PROs</li> <li>• Dissemination of information about collection centres established in the District website.</li> </ul>	<ul style="list-style-type: none"> <li>• HSPCB</li> <li>• ULBs, Fatehabad</li> <li>• DIO, Fatehabad</li> </ul>	<ul style="list-style-type: none"> <li>• Awareness programmes will be conducted at the intervals of 06 Months period.</li> </ul>

**Air Quality Management**

The major pollutant of air pollutant in district Fatehabad is Suspended Particulate Matter. Particulate Matter is a complex mixture that may contain soot, smoke, metals, nitrates, sulphates, dust, water and tire rubber. It can be directly emitted, as in smoke from a fire, or it can form in the atmosphere from reactions of gases such as nitrogen oxides. The size of particles is directly linked to their potential for causing health problems. Small particles (known as PM2.5 or fine particulate matter) pose the greatest problems because they bypass the body's natural defences and can get deep into your lungs and potentially your bloodstream. Particles in the PM2.5 size range are able to travel deeply into the respiratory tract, reaching closer to alveoli in the lungs. Exposure to fine particles can cause short-term health effects such as eye, nose, throat and lung irritation, coughing, sneezing, runny nose and shortness of breath. Exposure to such particles can affect both your lungs and your heart. Long-term exposure to particulate pollution can result in significant health problems including: Long-term exposure to particulate pollution can result in significant health problems including:

- Increased respiratory symptoms, such as irritation of the airways, coughing or difficulty breathing  
Decreased lung function
- Aggravated asthma
- •Development of chronic respiratory disease in children
- Development of chronic bronchitis or chronic obstructive lung disease
- Irregular heartbeat
- Nonfatal heart attacks
- Premature death in people with heart or lung disease, including death from lung cancer

There are approximate 185 of industrial establishments in district Fatehabad out of which 80 no. of unit brick kiln and 105 nos of industrial unit are covered under the category of Red/Orange/Green as per categorization prescribed by Central Pollution Control Board. All the 80 no. of Brick Kiln are operating after conversion from (FCBTK) Fixed chimney bull's trench kiln to Zig Zag technology. All the industries in Fatehabad District are using only legal/approved fuels as per the HSPCB Order 4023-4076, dated 12.12.2018.

Ratia and jakhal block villages are prominent stubble burner. In these villages manual air quality monitoring will be done. Further in these village IEC activities will be enhanced to aware the peoples about the adverse impact of stubble



## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### Current Status related to Air Quality Management

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring stations (CAAQMS) in the district.	One
- Operated by SPCB / State Govt / Central govt./ PSU agency :	One
- Operated by Industry:	Zero
Number of manual monitoring Stations operated by SPCBs	NIL
Name of towns / cities which are failing to comply with national ambient air quality stations	Fatehabad
No of air pollution industries	40 Units & 80 BKO's
Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln] / [Industrial Estate] / [Others] (Multiple selection)	No industrial area in district Fatehabad.

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

S. No.	Action points	Indicative Action Plan	Responsible agency	Timeline for completion of action plan
1.	Identification of prominent air polluting sources?	Air polluting industries mainly includes the brick kilns, stone crusher, plywood industries, thermal power plant, Steel plant, metal recyclers etc. All the units had installed the Air Pollution Control Devices such as Four field Electrostatic Precipitator/Bag Filters/Multicyclone/cyclone/Wet Scrubbers/ Separators. All of these industries have installed required APCD.	HSPCB	Already Achieved
2.	Ambient Air quality data?	01 no. of CAAQMS installed in District Fatehabad and the real time data is being pushed to CPCB Central Server and hence the calculated AQI is available in Public Domain at the link: <a href="https://app.cpcbcr.com/AQI_India/">https://app.cpcbcr.com/AQI_India/</a>	HSPCB	Already Achieved
3.	Setting up of Continuous Ambient Air Quality Monitoring Station	Presently 01 no. CAAQMS has been installed at city Fatehabad. Further as per the recommendation of NGT Monitoring Committee the possibilities for installation of additional CAAQMS will be explored based upon technical study of eligible agency.	HSPCB	Study by 31.03.2022

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

4.	District Level Action Plan for Air Pollution	<p>All the air polluting industries in the district have provided the air pollution control measures however the ambient air quality is consistently non conforming with the National Ambient Air Quality Standards. The other factors identified and need eradication and improvement are as under;-</p> <ol style="list-style-type: none"> <li>1. Stubble burning is one of the major factor and for this the crop diversification is being adopted. Mera Pani Meri Virasat Scheme under Crop Diversification is a ongoing scheme of 2020-21 and 2021-22.</li> <li>2. Awareness among Farmers for In-Situ &amp; Ex-Situ management of stubble burning with use of CRM machinery.</li> <li>3. Construction of Paved shoulders along the roads and improvement of existing quality of roads for dust containment.</li> <li>4. Challaning of over loaded transport vehicles.</li> <li>5. Ensuring the transport of construction material with proper covering.</li> <li>6. Ensuring the PUC certificate with the vehicles and challaning for the same.</li> <li>7. Find the way out for CNG station setup in the District.</li> <li>8. Ensuring the non plying of vehicles where in registration is expired and non renewable.</li> <li>9. Exploring the possibility of supplying cleaner fuel to the air polluting industrial cluster.</li> <li>10. Periodic Up-gradation of Air Pollution Control Devices (APCDs) installed in air polluting industries.</li> <li>11. Afforestation drives for industries/ institutions/parks/industrial estates/ road sides and river bank.</li> <li>12. Awareness activity among the public.</li> <li>13. Monitoring on vehicle fitness.</li> <li>14. Periodic calibration test of vehicular emission monitoring instrument.</li> </ol>	HSPCB, DSP Traffic, DDA Agricultural, RTA, ULBs	District Level Action Plan for air pollution control has already been implemented and required regular monitoring.
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## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

5.	Hotspots of air pollution in District	<p>The hotspots of air pollution in the area and measures to curb the same.</p> <ol style="list-style-type: none"> <li>1. Restriction on open burning of municipal solid waste, Biomass, plastic, horticulture waste, garbage etc.</li> <li>2. Curbing of stubble burning.</li> <li>3. Curbing of forest fires.</li> </ol>	DFO, Fatehabad DDA Agricultural, ULBs	Regular activity
6.	Awareness on Air Quality	<p>The real time data generated by 01 no. of CAAQMS installed in District Fatehabad is being pushed to CPCB Central Server and hence the calculated AQI is available in Public Domain through CPCB Sameer App and HSPCB/CPCB Website.</p> <p>The awareness activities regarding prevention and control of air pollution are being conducted by DLSTF on monthly basis regularly.</p>	HSPCB	Target achieved

**CHAPTER-4**

**WATER QUALITY MANAGEMENT**

There is total 14 no. of Drains are pertaining under this district.

<b>Sr.No</b>	<b>Name of Drain</b>	<b>Length (In Rft)</b>
1	Mohamdpur Rohi Pucca Drain	9000
2	Kirdhan Link Drain 0-10000	10000
3	Bhattu Link Drain RD 0-8000	8000
4	M-III Drain	7575
5	Rangoi Kharif Channel 0 to 153600	153600
6	Hisar Ghaggar Multipurpose Channel RD 141000-205230	64230
7	Rangoi Nallah	48124
8	Rangoi Diversion	14750
9	Barreta Drain	28730
10	Todarpur Link Drain	7100
11	Gorakhpur Link Drain	5200
12	Gorakhpur Drain	7200

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

13	Peripheri Drain	3800
14	Sirhind Choe Drain	19580

### 4.1 Water Quality Management

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

Details of Data Requirement	Present Status
Rivers	Ghaggar River
Length of Coastline (if any)	72 km in Fatehabad
Nalas/ Drains/Creeks meeting Rivers	1. Rangoi Diversion 2. Sirhind Choe Drain
Lakes / Ponds	Renovation of Chillli Lake
Total Quantity of sewage from towns and cities in District	-
Quantity of industrial wastewater	-
Percentage of untreated sewage	-
Details of bore wells and number of permissions given for extraction of groundwater	160 Nos of bore well but no permission has been issued by CGWA/HWRA
Groundwater polluted areas if any	No
Polluted river stretches if any	Yes, River Ghaghar

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

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Inventory of water bodies	Identification and inventorization of water bodies started. Further water quality of such bodies will be monitored on six monthly basis by respective agencies. Link of Pond Authority/CGWA	District Hydrologist Irrigation department, Pond Authority, CEO Zila Parishad, ULBs	31.03.2022

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

		to be added		
2.	Quality of water bodies in the district	DLSTF monitoring the quality of the water bodies including river Ghaggar on monthly basis. The Copy of Ghaggar Action Plan is attached as <b>Annexure -C</b>	DLSTF, Fatehabad	DLSTF monitoring the quality of the water bodies including river Ghaggar on monthly basis & it is a regular ongoing process.
3.	Hotspots of water contamination	The DEMC has been constituted in the District Fatehabad and the same will monitor the quality of the water bodies. Further till date no such hotspot of water contamination has been identified, however the regular monitoring of water quality will be done through the working of DEMC.	DEMC, Fatehabad	Regular activity.
4.	Protection of river/ lake water front  a. Drains/ nallahs within Municipal limits (Responsibility of Municipality/ MC)  b. Drains/nallahs outside Municipal limits (Responsibility of Rural development & Panchayat department)	District Fatehabad has already been declared free from open defecation. Further Prevention of entering of solid waste into water bodies shall be ensured throughout the District and presently there is no gap. Also idol immersion in water bodies regularly monitored and prohibited during various festive seasons throughout the year.	ULBs, Fatehabad Irrigation Department, Fatehabad HSPCB Police Deptt, Panchayati Raj Deptt.	Regular activity.
5.	Inventory of sources of water pollution	Sewage and wastewater discharge points into water bodies already stand identified and under action for tapping of such points.	ULBs Fatehabad Irrigation Department, Fatehabad PHED, XEN, Panchayati Raj	DLSTF Fatehabad is inspecting river Ghaggar every month to identify source of pollution/ discharge i.e. Sidhani Drain, Village- Sidhani, Talwari Drain, Vill Talwari & Sadhanwas Drain, Sadhanwas,

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

				Tohana into river. Executive Engineer, Panchayati Raj, Fatehabad prepared & submitted that DPR for establishing the STP prepared in reference to SE Panchayati Raj, Fatehabad Division has been submitted to Chief Engineer Panchayati Raj, Chandigarh, Haryana.
6.	Oil spill disaster management (for coastal districts)	Not applicable as no coastal area in Fatehabad	NA	NA
7.	Protection of flood plains	No flood in recent years, further Flood Control Order is prepared and updated every year for control of flood.	Irrigation Deptt.	Regular activity.
8.	Rejuvenation of groundwater	Inventorization for the Rain water harvesting will be carried out. Action plan for possible rain water harvesting system will be executed.	Irrigation Deptt. ULBs Fatehabad, PHED, HSVP Deptt, HSIIDC, XEN, Panchayati Raj PWD Deptt.	31.03.2022
9.	Complaints redressal system	CM Grievances Redressal and Monitoring System, Haryana is available for lodging any public complaint. District Public Relation and Grievance Redressal Committee is also working on public grievances.	DEMC	Regular activity

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### 4.2 Domestic Sewage

The sewage management in the district is entrusted to Public Health Engineering Department as on date PHED has installed and operating 6 no. STPs in District Fatehabad having total installed capacity of 44.5 MLD. So the total sewage These STP's are installed and maintained by Public Health Engineering Department (PHED), Urban Local Bodies and Haryana Sahri Vikas Pardhikaran.

#### a. Current Status related to domestic sewage

Details of Data Requirement	Present Status
No of Class-II towns and above	2
No of Class-I towns and above	Nil
No of Towns STPs installed	6
No of Towns needing STPs	Nil
No of ULBs having partial underground sewerage network	2
No of towns not having sewerage network	0
Total Quantity of Sewage generated in District from Class II cities and above	25.30 MLD
Quantity of treated sewage flowing into Rivers (directly or indirectly)	Nil
Quantity of untreated or partially treated sewage (directly or indirectly)	1.40 MLD
Quantity of sewage flowing into lakes	Nil
Total available Treatment Capacity	44.5 MLD

Domestic Sewage Management	MC Fatehabad	MC Tohana	MC Ratia	MC Jakhal	HSVP Fatehabad		Remarks
Total Population	88463	81116	46440	15600	12500		
No. of household	17693	12610	9288	3120	925		
Sewage Generation (MLD)	14.30	9.50	6.25	1.10	1.5		
% of area covered with sewer line	112.6 KM (98%)	144.51 Km (95%)	78.5 KM (95%)	32 KM (60%)	39 KM (100%)		
Gap, if any	2% Gap	5% Gap	5% Gap	40% Gap	No Gap, Sewer line already laid down and connected to STPs in HSVP Area of district Fatehabad		The sewage from unapproved area is being collected by the MC tankers and further treated in nearby STPs.



## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

If there a gap, then timelines to achieve the Gap	After approval of unapproved area, sewerage line will be laid down by 31.06.2022 & sewage from unapproved area will be diverted to Sewerage Treatment Plants.	After approval of unapproved area, sewerage line will be laid down by 31.06.2022 & sewage from unapproved area will be diverted to Sewerage Treatment Plants.	After approval of unapproved area, sewerage line will be laid down by 31.06.2022 & sewage from unapproved area will be diverted to Sewerage Treatment Plants.	After approval of unapproved area, sewerage line will be laid down by 31.06.2022 & sewage from unapproved area will be diverted to Sewerage Treatment Plants.	-	
No. of Household having sewerage connection	14105	11560	7152	850	925	
Gap, if any	575	1050	2136	2270	Nil	
If there a gap, then timelines to achieve the Gap	31.12.2022	31.12.2022	31.12.2022	31.12.2022	NA	
No. of existing STPs	2	1	1	1	1	
Capacity of existing STPs (MLD)	15	10	6.5	3	10	
Gap, if any	NIL	NIL	NIL	NIL	NIL	
If there a gap, then timelines to achieve the gap	NA	NA	NA	NA	NA	
Quantity of sewage reaching to the STP (MLD)	14.30	9.50	6.25	1.10	1.5	
Quantity of sewage being treated at STP (MLD)	14.30	9.50	6.25	1.10	1.5	
Quantity of sewage not reaching to the STP (MLD) and reason	NIL	NIL	NIL	NIL	NIL	
Proposal for diversion of sewage to the STP	NIL	NIL	NIL	NIL	NIL	
Parameters achieved after treatment of sewage						
• pH	5.5-9.0	5.5- 9.0	5.5- 9.0	5.5- 9.0	5.5- 9.0	
• BOD	10	10	10	10	10	-
• COD	50	50	50	50	50	-
• TSS	20	20	20	20	20	-
• Total Nitrogen	10	10	10	10	10	-
• Feecal coliform	<100	<100	<100	<100	<100	-
Online Monitoring Devices installed at STPs	Yes	Yes	Yes	Yes	Yes	-
Gap, if any	Nil	Nil	Nil	Nil	Nil	-
If there a Gap, then timelines to achieve the gap	NA	NA	NA	NA	NA	-

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

Proposal for utilization of treated waste water being utilized (MLD)	14.30	9.50	6.25	1.10	1.5	-	
Quantity of treated waste water being utilized (MLD)	14.30	9.50	6.25	1.10	1.5	-	
Please also mention where the treated waste water is being utilized	Irrigation purpose	Irrigation purpose	Presently, 6.25 MLD treated domestic effluent from Ratia town discharged into river Ghaggar. Utilization policy will be prepared by Irrigation & Agriculture Deptt. by 31.12.2022.	Irrigation purpose	Irrigation purpose	-	
Gap, if any	Nil	Nil	Nil	Nil	Nil	-	
If there a gap, then timelines to achieve the Gap	NA	NA	NA	NA	NA	-	

### Reuse details of treated domestic sewage:

Location of STP	Capacity (MLD)	Sewage Generation (MLD)	Details of Utilization of treated water
10 MLD STP PHED Vill. Bhodia Khera, Bhattu Road, Fatehabad	10.00	9.70	9.70 (by the farmers)
10 MLD STP PHED Vill.Amani, Tohana, Distt. Fatehabad	10.00	9.50	9.50 (by the farmers)
6.5 MLD STP PHED Ratia , Fatehabad	6.50	6.25	Presently, 6.25 MLD treated domestic effluent from Ratia town discharged into river Ghaggar. Utilization policy will be prepared by Irrigation & Agriculture Deptt. by 31.12.2022.
10 MLD HSVP STP Majra, Fatehabad	10.00	1.50	1.50 (by the farmers)
5 MLD STP PHED Kharati Khera Road, Fatehabad	05.00	4.60	4.60 (by the farmers)
3 MLD STP PHED Jhakhhal Mandi, Kasimpur Road, Fatehabad	03.00	1.10	1.10 (by the farmers)

**\*Area under irrigation by STP Treated Water is 1450 Acers**

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### b. Identification of gaps and action plan for domestic sewage

#### i) Urban/City

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Sewage Treatment Plants(STPs)	No gap (44.5 MLD Capacity available in Distt. Fatehabad)	PHED No. 1/2, Fatehabad, Tohana, Ratia & Jakhal and HSPV Fatehabad	Target achieved
2.	Underground seweragenetwork	Approx 5 % Area not covered. The sewage from unapproved area is being collected by the MC tankers and further treated in nearby STPs.	Sewer line already laid down and connected to STPs in district Fatehabad	Target achieved

#### ii) Rural/Villages/Block

Sr No.	Name of Block	Total no. of villages in the block	Total Population of the Block	Total no. of Households in the Block	Liquid Waste Generation (MLD)	Status of Liquid waste Treatment and target date			Action Plan
						No. of villages where 100% achieved	No. of villages where 100% not achieved	Target date of completion where 100% not achieved	
1	Fatehabad	48	159008	37579	10	10	38	31-03-22	Constructed Sinchewala Model
2	Tohana	49	126375	22879	12	2	47	31-03-2022	Constructed Sinchewala Model
3	Ratia	50	107554	21477	10	0	50	31-03-2022	Constructed Sinchewala Model
4	Nagpur	35	76969	16915	7	5	30	31-03-2022	Constructed Sinchewala Model
5	Bhuna	29	100541	20515	10	2	27	31-03-2022	Constructed Sinchewala Model
6	Bhattu Kalan	24	103457	21063	10	6	18	31-03-2022	Constructed Sinchewala Model
7	Jakhal	24	46246	9524	4	2	22	31-03-2022	Constructed Sinchewala Model
	<b>Total</b>	<b>259</b>	<b>720150</b>	<b>149952</b>	<b>69</b>	<b>38</b>	<b>221</b>		

\*Water is a scared commodity; in long run all the treated water will be reused.

**CHAPTER-5**

**INDUSTRIAL WASTEWATER MANAGEMENT**

In the District there are 120 Large, Medium and small scale units. There are many type of industries in the district which are engaged in the manufacturing of various items such as Seed Processing, Wrapping Papers, Milk Chilling, Rice Shelling, Chemicals, Iron and Steel Fabrication, Agriculture Implements, Leather Good, Hard and Straw Board etc.

In this district total approximate 0.32 MLD of industrial effluent is being generated from various industrial activities. The most of the industries in district are operating within and outside of the industrial area. All the waste water generating units have their capitative treatment facilities.

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

<b>24</b>	<b>Industrial Waste Water Management</b>	
24.1	No. of industries	14
24.2	Industrial Waste Water generation (MLD)	0.08
24.3	No. of Industries having ETPs	14
24.4	Gap, if any	Nil
24.5	If there a Gap, then timelines to achieve the Gap	NA
24.6	No. of ETPs have Online Monitoring Devices	00
24.7	Gap, if any	Nil
24.8	If there a Gap, then timelines to achieve the Gap	NA
24.9	No. of ETPs having Online Monitoring Devices connected with server of HSPCB	00
24.10	Gap, if any	Nil
24.11	If there a Gap, then timelines to achieve the Gap	NA
24.12	No. of Existing CETPs	Nil
24.13	Capacity of existing CETPs (MLD)	NA
24.14	Gap, if any	Nil
24.15	If there a Gap, then timelines to achieve the Gap	NA
24.16	Quantity of Industrial Waste Water reaching to the CETPs (MLD)	NA
24.17	Quantity of Industrial Waste Water being treated at CETPs (MLD)	NA
24.18	Quantity of Industrial Waste Water not reaching to the CETPs (MLD) and reasons	NA

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

24.19	Proposal for diversion of Industrial Waste Water to the CETPs	NA
24.20	Parameters achieved after treatment of Trade Effluent	As no CETP in Fatehabad District, So notapplicable
	• pH	NA
	• BOD	NA
	• Oil & Grease	NA
	• Temperature	NA
	• Suspended Solids	NA
	• Dissolved Solids (inorganic)	NA
	• Total residue chlorine	NA
	• Ammonical nitrogen (as N)	NA
	• Total Kjeldahl nitrogen (as N)	NA
• Chemical Oxygen Demand	NA	
24.21	Online Monitoring Devices installed at CETPs	NA
24.22	Gap , if any	Nil
		NA
24.23	If there a Gap, then timelines to achieve the Gap	NA

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

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Compliance to discharge norms by Industries	01.01.2021 onwards No industry found non complying during inspection	HSPCB	Regular monitoring action.
2.	Complaint redressal system	CM Grievances Redressal and Monitoring System, Haryana is available for lodging any public complaint. District Public Relation and Grievance Redressal Committee is also working on public grievances.	HSPCB	Regular activity.

**CHAPTER-6**

**MINING ACTIVITY MANAGEMENT PLAN**

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

<b>Details of Data Requirement</b>	<b>Existing Mining operations</b>
Type of Mining Activity	No Mining Activity in Fatehabad District
No of licenced Mining operations in the District	Nil
% Area covered under mining in the District	Nil
Area of Sand Mining	Nil

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

<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.	Monitoring of Mining activity	Not required as there is no Mining Activity in Fatehabad District	NA	NA
2.	Inventory of illegal mining if any mining	No legal as well as illegal mining in Fatehabad District	NA	NA
3.	Environment compliance by Mining industry	Not applicable as there is no Mining Activity in Fatehabad District	NA	NA

The district Fatehabad is densely populated and very old town and famous for production of agriculture crops. There is movement of heavy transport vehicles in the district especially during the crop seasons, which are also source of vehicular pollution. Also there are many hotels and banquet halls in the town which are organizing regular marriage ceremonies/ parties/other functions, which are one of the major source of noise pollution. Additionally, the small scale industries and other industries setup have many industrial activities which are source of noise pollution and all these industries have also backup source of power as generator set which is another source of air pollution. The noise pollution due to blowing of horns/pressure horns by the vehicles is also substantial source of noise pollution in the district.

The HSPCB is receiving many complaints of noise pollution due to industrial activity in the residential area and action as per the Noise Pollution (Regulation & Control) Rules, 2000 and as per Department of Environment Government of Haryana notification dated 05.09.2003; is being taken against the defaulting industrial units. Moreover, the Sub Divisional Magistrate in the district is entrusted to take action against the Religious and other domestic activities causing noise pollution under CRPC-133 (Criminal Procedure Code) & as per Noise Rules, 2000. The police department is entrusted to maintain the time lines fixed as per the rules for marriage functions/parties and DJ operation. The Police Department also entrusted to maintain the compliance in the silence zone and noise by automobiles.

**Responsible Agencies/Authorities for enforcement of Noise Pollution Control Measures:**

As per Government of Haryana, Environment Department; notification dated 05.09.2003 hereby designates Sub-Divisional Magistrate, Deputy Superintendent of Police and Regional Officer, Haryana State Pollution Control Board, in their respective areas of jurisdiction as shown below to be authorities for the purpose of the said compliance:-

<b>Sr. No.</b>	<b>Name of Competent Authority</b>	<b>Activity/Source of Pollution</b>
1	Sub-Divisional Magistrate	Residential area and religious places
2	Deputy Superintendent of Police	Noise by automobiles
3	Regional Officer, Haryana State Pollution Control Board	Noise by industrial units.

The whole Fatehabad district area is categorized into industrial, commercial, residential or silence areas/zones for the purpose of implementation of noise standards for different areas. The Fatehabad District administration has taken measures for abatement of noise including noise emanating from vehicular movements, (blowing of horns, bursting of sound emitting fire crackers, use of loud speakers or public address system and sound producing instruments) and ensured that the existing noise levels do not exceed the ambient air quality standards specified under Noise Pollution (Regulation & Control) Rules, 2000.

The areas comprising 100 meters around hospitals, educational institutions and courts are declared as silence area/zone. Further all development authorities, local bodies and other concerned authorities while planning developmental activity or carrying out functions relating to town and country planning will always take into consideration all aspects of noise pollution as a parameter of quality of life to avoid noise menace and to achieve the objective of maintaining the ambient air quality standards in respect of noise.

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

### 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	01 with HSPCB RO, Hisar

### 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.	There is only 01 noise monitoring kit available in the district with HSPCB. Further no such monitoring kits are available with other agencies such as ULBs, SHOs, Traffic police. Further, the procurement of monitoring kits shall be made to the above said lacking agencies within defined time frame by respective local district administration.	DSP Traffic, SDM, HSPCB	31.12.2021
2.	Ambient Noise, Level monitoring.	Possibilities of installation of ambient noise level monitoring stations will be explored. Portable analyzers will be provided with the enforcement agencies. The special drives for ensuring the ambient quality standards will be carried out in the residential, sensitive zones. Moreover, HSPCB also conducting the ambient air noise monitoring during festive seasons.	DSP Traffic, SDM, HSPCB	31.12.2021
3.	Signboards in Noise zones	MCs, PWD, NHAI should install the proper signages to earmarked the silence zone, no horn zone and noise limits in the city.	ULBs PWD, NHAI,	31.12.2021
4.	Complaint redressing system	CM Grievances Redressal and Monitoring System, Haryana is available for lodging any public complaint. More over Social Media Grievance track (SMGT) is also working in the District. District Public Relation and Grievance Redressal Committee is also working on public grievances.	DSP Traffic, SDM, HSPCB	Regular activity.



Good environmental management practices are those techniques, measures and actions that can be implemented by public administrations to minimize their direct and indirect impact on the environment. The District Administration of Fatehabad always make efforts for adopting best environment management practices. Some of them are enlisted below:

1. Installed one number Continuous Ambient Air Quality Monitoring Station at Fatehabad City for real time monitoring of Ambient Air Quality as per National Ambient Air Quality Standards. One display board reflecting real time data regarding different parameters is installed at prominent location i.e. Mini Secretariat. The AQI of Fatehabad District is observed as Good to Moderate range in last three month.
2. All 210 Health care facilities including government, private hospital, clinic, diagnostic centre, veterinary hospital, occupation health centre, ESI centre etc. has obtained the Biomedical authorization as per Biomedical Waste Rules, 2016. Out of these 210 units more than 170 units has also implemented the Bar Coding System and remaining will complete the Bar Coding System by 31.03.2022.
3. For Fatehabad district, Common Bio Medical Waste Treatment Facilities (CBMWTF) are operational in adjoining district Sirsa i.e. M/s Invision Enviro Services Pvt. Ltd., Phulkan, Sirsa & M/s Surya waste Management service, Located at Sahuwala Road, village Chadiwal are disposing biomedical waste of all healthcare facilities from Fatehabad district in scientific manner with environmentally sound facility as per CPCB guidelines.
4. All the 14 industrial units engaged in Hazardous waste generation has obtained the Hazardous waste authorization as per Hazardous and Other Waste Rules, 2016. Further the digital online manifest system is adopted by all these unit for transportation of Hazardous waste to CHWTDF.
5. One number of E-Waste Recycler and Dismantler is authorized by Haryana State Pollution Control Board in Hisar Region for environmentally sound disposal of E-Waste as per the provision of E-waste (Management) Rules, 2016.
6. Total 06 Common Sewage Treatment Plants treating more than 40 MLD sewage. Approx 90 % of treated sewage is being utilized for irrigation purpose.
7. To avoid and reduce the smog during the winter seasons water sprinkling and spraying is done by ULBs, Industries, Construction Sites, PHED and other departments.
8. Regular Tree Plantation Derives are conducted by various Industries, NGOs, farmers, District Administration along with HSPCB regional Office and Forest Department.
9. Real Time monitoring of Stubble Burning incidents conducted through Satellite by Haryana Space Applications Centre (HARSAC) along with HSPCB regional Office and District Administration.
10. For the environmentally sound management of domestic solid waste; more than 80% door to door collection is achieved by all Urban Local Bodies of Fatehabad District.

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, FATEHABAD

11. 03 numbers of Material Recovery Facilities are established and operated by Municipal Corporation Fatehabad for proper and scientific management of domestic solid waste in environmentally sound manner.
12. For the enforcement of Plastic Waste (Management and Handling) Rules 2016 and Haryana Government, Urban Local Bodies Department notification dated 20.08.2013; challan are regularly conducted by Fatehabad District administration.
13. Mechanized Road sweeping machines are regularly used to reduce the air pollution by Municipal Corporation Fatehabad.
14. The Fatehabad District is an open defecation free district (ODF) with the construction of Toilets in each house.
15. The noise pollution related complaints are resolved on priority basis as per the provision of the Noise Pollution (Regulation and Control) Rules, 2000 and as per Haryana Government Notification date 05.09.2003.
16. To reduce the vehicular pollution well managed traffic system is adopted with Parking facilities, traffic light systems, PUC Certificate checking etc. by traffic police. To avoid overloading and further compliance of Motor vehicle Rules regular checking is done by Regional Transport Office/ Authority, Fatehabad.
17. A major emphasize is given by HSPCB, RO Hisar and district administration for the compliance of Haryana Government notification dated 30.05.2013 regarding environmentally sound management of poultry farms.
18. All the Household in authorized colonies of Fatehabad District are having sewage connections for proper disposal of domestic sewage in public sewage for terminal treatment in ULBs/HSVP/PHED sewage Treatment plants.
19. All the 80 no. of Brick Kiln are operating after conversion from (FCBTK) Fixed chimney bull's trench kiln to Zig Zag technology.
20. All the industries in Fatehabad District are using only legal/approved fuels as per the HSPCB Order 4023- 4076,dated 12.12.2018.

Item No. 01

Court No. 1

**BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI**

Original Application No. 360/2018  
M.A. No. 823/2018 (SLP (Civil) No. 2959/2014)

(With report dated 22.02.2019)

Shree Nath Sharma

Applicant(s)

Versus

Union of India & Ors.

Respondent(s)

Date of hearing: 26.09.2019

**CORAM: HON'BLE MR. JUSTICE ADARSH KUMAR GOEL, CHAIRPERSON  
HON'BLE MR. JUSTICE S.P WANGDI, JUDICIAL MEMBER  
HON'BLE MR. JUSTICE K. RAMAKRISHNAN, JUDICIAL MEMBER  
HON'BLE DR. NAGIN NANDA, EXPERT MEMBER**

For Applicant(s): Mr. S.K. Bhattacharya, Advocate with Shree Nath Sharma, in person

For Respondent(s): Mr. Gautam Singh, Advocate for State of Rajasthan

**ORDER**

1. The issue for consideration is the steps for remedial action for enforcement of environmental norms at Bharatpur, Rajasthan.
2. The matter was initiated by way of writ petition before the Rajasthan High Court with reference to pollution of Sujanganga river which is surrounded by a historical Fort. The High Court transferred the writ petition to this Tribunal which order was affirmed by the Honble Supreme Court.

3. Vide order dated 31.07.2018, the Tribunal referred to the order of the High Court dated 14.11.2011 in *C.W.P. No. 065/96* directing removal of encroachments. The High Court noted that out of 860 encroachments, 760 had been removed. It was directed that hospital waste be segregated, traffic plan prepared and air and water quality tests conducted. The direction also required the steps for restoration for the Bharatpur canal.
4. The Tribunal directed the Collector and the District Magistrate, Bharatpur to take further remedial action.
5. Accordingly, an affidavit of compliance has been filed by the Commissioner, Municipal Corporation, Bharatpur annexing a status report from the Collector/District Magistrate dated 22.02.2019. The report deals with the compliance of direction for segregation of hospital waste, traffic action plan to check vehicular pollution, noise control plan, pollution control system for control of pollution of Sujanganga river, conservation and restoration of Fort and repair of Moatwall, installation of incinerator, sewerage system and monitoring mechanism, including holding of monthly meetings.
6. In view of above, steps having been taken, the immediate problem may appear to have been addressed. However, enforcement of environmental norms is a continuous requirement. The District Magistrate, CPCB and the SPCB may consider further necessary action which may be coordinated by the SPCB. First meeting for the purpose may be held within one month from today and the matter be finalized within two months. This Tribunal in *O.A. No. 606/2018*, while dealing with the compliance of Municipal Solid Waste Management Rules, 2016 also flagged other issues and required

monitoring at the level of the Chief Secretaries and the District Magistrates. The Chief Secretaries of all the States/UTs have appeared before this Tribunal, including the Chief Secretary of State of Rajasthan and directions have been issued for continuous monitoring and filing of further reports.

7. Vide order dated 12.09.2019, while fixing a schedule for further appearance of the Chief Secretaries of all the States/UTs, direction has been issued to compile information with reference to the following specific thematic areas viz.:

- Compliance to Solid Waste Rules including Legacy Waste.
- Compliance to Bio-medical Waste Rules.
- Compliance to Construction & Demolition Waste.
- Compliance to Hazardous Waste Rules.
- Compliance to E-waste Rules.
- 351 Polluter Stretches in the country.
- 122 Non-attainment cities.
- 100 industrial clusters.
- Status of STPs and re-use of treated water.
- Status of CETPs/ETPs including performance.
- Ground water extraction/contamination and re-charge.
- Air pollution including noise pollution.
- Illegal sand mining.
- Rejuvenation of water bodies.

8. Such information is to be furnished to the CPCB by the Chief Secretaries of all the States/UTs indicating:

- Current status

- Desirable level of compliance in terms of statutes.
- Gap between current status and desired levels.
- Proposal of attending the gap with time lines.
- Name and designation of designated officer for ensuring compliance to provisions under statute.

9. Since CPCB is to file updated report by 15.11.2019, the Chief Secretaries of all the States/UTs may furnish such information by 31.10.2019.

10. We may also refer to order dated 15.07.2019 in O.A. No. 710/2017, *Shallesh Singh vs. Sheela Hospital & Trauma Centre, Shahjahanpur & Ors.* directing as follows:

*"We find it necessary to add that in view of Constitutional provisions under Articles 243 G, 243 W, 243 ZD read with Schedules 11 and 12 and Rule 15 of the Solid Waste Management Rules, 2016, it is necessary to have a District Environment Plan to be operated by a District Committee (as a part of District Planning Committee under Article 243 ZD) with representatives from Panchayats, Local Bodies, Regional Officers, State PCB and a suitable officer representing the administration, which may in turn be chaired and monitored by the District Magistrate. Such District Environment Plans and Constitution of District Committee may be placed on the website of Districts concerned. The monthly report of monitoring by the District Magistrate may be furnished to the Chief Secretary and may be placed on the website of the District and kept on such websites for a period of one year. This may be made operative from 1.08.2019. Compliance of this direction may also be seen by the Chief Secretaries of the States/UTs. This may not only comply with mandate of law but provide an institutional mechanism for effective monitoring of environment norms."*

11. To facilitate preparation of such District Environment Plan, it will be appropriate that CPCB prepares a Model/Models and places the same on its website which may be adopted with suitable changes as per local requirements for all Districts in the country and monitored by the Chief Secretaries with reports to the Tribunal in O.A. No. 606/2018.



12. The Department of Environment of all States and Union Territories may collect such District Environment Plans of their respective States and finalize the 'State Environment Plan' covering the specific thematic areas referred in Para-7 including information as contained in Para-8 and template of Model/Models District Environment Plan provided by the CPCB. The action for preparation of States Environment Plan shall be monitored by the respective Chief Secretaries of States and Administration of UTs. Let this action be completed by 15.12.2019 and compliance be reported to the Tribunal by 31.12.2019.
13. Based on States and UTs Environment Plans, MoEF&CC and CPCB shall prepare country's Environment Plan accordingly. Let the Secretary, MoEF&CC and Chairman, CPCB steer the preparation of country's Environment Plan. Let their action be completed by 31.01.2020 and compliance be reported to the Tribunal by 15.02.2020.

Let the copy of this order be sent to the Secretary, MoEF&CC, Chairman, CPCB, All Chief Secretaries of States and Administrators of all the Union Territories by e-mail for compliance.

The application is disposed of except for further monitoring of the matter in O.A. No. 606/2018.

Adarsh Kumar Goel, CJ

S.P Wangdi, JM

K. Ramakrishnan, JM

September 26, 2019  
Original Application No. 360/2018  
DV

Dr. Nagin Nanda, EM



**ORDER**

Whereas Hon'ble National Green Tribunal in order dated 26.09.2019 in O.A. No. 360/2018, M.A. No. 823/2018[SLP (Civil) No. 2959/2014] titled as Shree Nath Sharma Vs Union of India & Ors ordered regarding preparation of District Environment Plan. The Hon'ble NGT in O.A. No. 606/2018, while dealing with the compliance of Municipal Solid Waste Management Rules, 2016 also flagged other issues and required monitoring at the level of the Chief Secretaries and the District Magistrates.

In the above said order dated 26.09.2019, it is stated that among others

"12. The Department of Environment of all States and Union Territories may collect such District Environment Plans of their respective States and finalize the 'State Environment Plan' covering the specific thematic areas referred in Para-7 including information as contained in Para-8 and template of Model/Models District Environment Plan provided by the CPCB. The action for preparation of State's Environment Plan shall be monitored by the respective Chief Secretaries of States and Administration of UTs. Let this action be completed by 15.12.2019 and compliance be reported to the Tribunal by 31.12.2019.

13. Based on States and UTs Environment Plans, MoEF&CC and CPCB shall prepare country's Environment Plan accordingly. Let the Secretary, MoEF&CC and Chairman, CPCB steer the preparation of country's Environment Plan. Let their action be completed by 31.01.2020 and compliance be reported to the Tribunal by 15.02.2020."

Hon'ble NGT, New Delhi also referred to order dated 15.07.2019 in O.A. No. 710/2017, *Shailesh Singh vs. Sheela Hospital & Trauma Centre, Shahjahanpur & Ors.* directing as follows:

"We find it necessary to add that in view of Constitutional provisions under Articles 243 G, 243 W, 243 ZD read with Schedules 11 and 12 and Rule 15 of the Solid Waste Management Rules, 2016, it is necessary to have a District Environment Plan to be operated by a District Committee (as a part of District Planning Committee under Article 243 ZD) with representatives from Panchayats, Local Bodies, Regional Officers, State PCB and a suitable officer representing the administration, which may in turn be chaired and monitored by the District Magistrate. Such District Environment Plans and Constitution of District Committee may be placed on the website of Districts concerned. The monthly report of monitoring by the District Magistrate may be furnished to the Chief Secretary and may be placed on the website of the District and kept on such websites for a period of one year. This may be made operative from 1.08.2019. Compliance of this direction may also be seen by the Chief Secretaries of the States/UTs. This may not only comply with mandate of law but provide an institutional mechanism for effective monitoring of environment norms."

Whereas, the District Environment Plan for the District Fatehabad has been prepared by the District Monitoring Committee and after approval from District Planning Committee, Fatehabad the same has been submitted to the Department of Environment & Climate Change, Govt. of Haryana and now stands submitted before the Hon'ble NGT, New Delhi.

Whereas, the District Environment Plan (DEP) comprising various issues & timelines for management of Solid Waste, Domestic Waste, Plastic Waste, C&D Waste, Biomedical Waste,

Hazardous Waste, Air Pollution, E-Waste, Water Quality, Industrial Waste Water, Mining Activity and Noise Pollution etc.

Whereas, the implementation of the DEP requires coordinated efforts of multiple stakeholders and focus on priorities. This would require close monitoring and so Constitution of Monitoring Committee for effective implementation is necessitated. Therefore the **District Environment Monitoring Committee** is hereby constituted comprising the following Officers:-

Deputy Commissioner	Chairman
Additional Deputy Commissioner	Co-Chairman
Commissioner in case of Municipal Corporation & District Municipal Commissioner	Member
Chief Executive Officer, Zila Parishad	Member
Superintending Engineer, PWD (B&R)	Member
Superintending Engineer, PHED	Member
Superintending Engineer, Irrigation Department	Member
Chief Medical Officer, Health Department	Member
Estate Officer, HSIIDC	Member
District Mining Officer	Member
District Forest Officer	Member
Deputy Superintendent of Police (HQ)	Member
Regional Officer, HSPCB	Member Secretary

**Roles and responsibilities of the Committee:-**The roles and responsibilities of the above said committee will be as under:-

- The Committee shall review the district environment plans and give the suggestions/comments on DEPs, if any.
- The Committee shall meet once in a month and review the status of implementation of DEPs.
- The Committee shall submit its monthly reports regarding monitoring of DEPs to District Environment Committee and make suggestions too.
- The Committee shall also visit the sites once in three months to check the implementation of DEPs on ground.



- The Committee shall ensure the active participation of each department and inter-departmental coordination for implementation of DEPs.
- The Committee shall take measures for effective enforcement of prohibited activities under DEPs.

The Committee shall prepare a detailed road map for activities for capacity building of stakeholder, departments, agencies, organizations and to build awareness &

- outreach among public to understand and implement micro level

environmental conservation actions.

The monitoring of the District Environment Plan shall be carried out by the District Environment Monitoring Committee as per the performa enclosed as per **Annexure-A**.

Deputy Commissioner,  
Fatehabad

Endst. No. 13708-19

/M.A.

Dated

13/10/2021

A copy of above is forwarded to the following:-

1. Additional Deputy Commissioner, Fatehabad.
2. Commissioner in case of Municipal Corporation & District Municipal Commissioner, Fatehabad.
3. Chief Executive Officer, Zila Parishad, Fatehabad.
4. Superintending Engineer, PWD (B&R), Fatehabad.
5. Superintending Engineer, PHED, Fatehabad.
6. Superintending Engineer, Irrigation Department, Fatehabad.
7. Chief Medical Officer, Health Department, Fatehabad.
8. Estate Officer, HSIIDC, Fatehabad.
9. District Mining Officer, Fatehabad.
10. District Forest Officer, Fatehabad.
11. Deputy Superintendent of Police (HQ), Fatehabad.
12. Regional Officer, HSPCB, Hisar Region, Hisar.

Deputy Commissioner,  
Fatehabad

## ATR for the month of September, 2021 of District Fatehabad

Sr. No	Mandate of District Level STF	Action Taken
1	The District Level STF shall identify all persons, responsible for violation of law and norms relating to pollution in Ghaggar River and drains joining it.	Total 12 Nos. point of source of untreated effluent discharging in River Ghaggar have been identified by DLSTF, Fatehabad. 10 points out of 12 relates to District Development Panchayat Officer, Fatehabad and 2 points relates to MC Ratia. List is attached as <b>Annexure-1</b> . Now 2 points source of untreated effluent joining River Ghaggar in Ratia have been closed and the drain has been connected to PHED Sewer further leading to STP Ratia. In villages Khairpur, Chandpur, Talwari Dhani, Talwara Drain, Bhani Khera, point of source leading to River Ghaggar have been closed as Panchayat of above said villages adopted the oxidation pond system to collect the domestic effluent generating from each villages. Narail Drain of Village Narail has been connected to the sewage of Jakhal Town for treatment to 03 MLD, STP, Jakhal, District Fatehabad. 3 points of source i.e. Talwari Drain, Sidhani Drain and Sadhanwas Drain were found discharging untreated domestic effluent of villages into river Ghaggar and 01 point of Kanwalgarh Drain of Village Kanwalgarh village found closed in this month. Samples have been collected and reports released by Lab Incharge, Hisar Lab are attached as <b>Annexure-2</b> .
2	It shall also initiate civil and criminal action against the violators as well as those who fails to perform their duties in this regards and shield the culprits.	Total 12 Nos. point of source of untreated effluent discharging into River Ghaggar have been identified by DLSTF, Fatehabad. 10 points out of 12 relates to District Development Panchayat Officer, Fatehabad and 2 points relates to MC Ratia. The 7 points of source of pollution discharge into River Ghaggar closed by the Panchayati Raj Department, but 3 points of Talwari, Sidhani, Sadhanwas were found discharging untreated domestic effluent of village into River Ghaggar. 02 points of MC, Ratia have already been closed. EC has been imposed against the responsible department i.e. Executive Engineer, PHED, Fatehabad & Executive Engineer, Panchayati Raj Department, Fatehabad vide this office letter No. 1230-1253 dated 10.09.2021. Copies of order of ECs attached as <b>Annexure- 2A</b> .
3	The District Level STF shall submit a monthly report on all actions taken by it to the SLSTF, by first week of every month.	Action taken reports have already been sent by District Level Special Task Force, Fatehabad up to August, 2021.
4	The District Level STF shall also assist the SLSTF in preparation of the Action plan and finalizing the timelines.	Action taken reports have already been sent by District Level Special Task Force, Fatehabad up to August, 2021 to the DSLSTF.
5	The District Level STF shall involve Civil Society Organizations and public participations in preparing the Action plan in all possible areas.	Progress report on action plan submitted by XEN, Panchayat Raj of Village Khairpur, Chandpur, Talwari Dhani, Talwara Drain, Bhani Khera, have been submitted against each points in <b>Annexure-1</b> .
6	District Level STF shall ensure periodic sampling of river as well as ground water to check the water quality.	During the visit by DLSTF in the month of September, 2021 total 03 points of source of discharge i.e. at Talwari Drain, Sadhanwas Drain and discharge of Village Sidhani were found discharging untreated domestic effluent of village into river Ghaggar. Samples have been collected and reports released by Lab Incharge, Hisar Lab are attached as <b>Annexure-2</b> . This office collected and got analyzed 18 Ground water samples (from river Ghaggar catchment area (about 500 meter periphery of river) in September, 2021 (on quarterly basis), out of which 14 samples failed and are not meeting the drinking water standards. Sign Board with the statutory warning- "Water is not fit for drinking" installed where parameters are exceeding the prescribed limit. No industry Reverse pumping observed in District Fatehabad during the month of September, 2021. Report attached as <b>Annexure-3</b> .

## ATR for the month of September, 2021 of District Fatehabad

Sr.	Topic	Guidelines for Submitting reports
1	Introduction	-
1.1	Order of the Hon'ble NGT dated 20.09.2018 in the matter of O.A No. 673 of 2018- More river stretches are critically polluted now CPCB	DLSTF has complied the order issued by Hon'ble NGT dated 20.09.2018 in the matter of O.A No. 673 of 2018.
1.2	The matter of OA No. 138 of 2016- Stench Grips Mansa's Ghaggar River (Suomoto case)	-
1.3	Objective of the action plan	DLSTF has to identify the points of source polluting the River Ghaggar in District Fatehabad and also check to the water quality near the area of River Ghaggar. The DLSTF again visited all the above said points on 10.09.2021 to find out no any new source of discharge of untreated effluent going into River Ghaggar.
2	The River Ghaggar	District Fatehabad is situated near the catchment of river Ghaggar.
2.1	Main Sources of pollution in river Ghaggar.	In district Fatehabad total 03 Nos. of points i.e. Talwari, Sadhanwas and Sidhani were found discharging untreated domestic effluent of these villages into River Ghaggar.
2.2	Major drains of river Ghaggar in Haryana	Details in this regard are Attached as <b>Annexure –1.</b>
2.3	Measurement of Flow rate in the drains joining River Ghaggar	Details in this regard are Attached as <b>Annexure –1.</b>
3	Estimation of sewage in town in catchment of River Ghaggar.	Population of Ratia Town is 30,000 and Total 6.5 MLD (average) domestic effluents generating in Ratia town and STP of 6.5 MLD at Lahli Road, Ratia, Fatehabad has been installed by PHED. Population of Tohana Town is 63,000 and Total 10 MLD (average) domestic effluents generating in Tohana town and STP of 10 MLD at Vill. Amani, Tohana, Distt. Fatehabad has been installed by PHED. Population of Fatehabad Town is 70,777 and Total 13 MLD (average) domestic effluent generating from Fatehabad Town. PHED Fatehabad has installed 10 MLD STP (MBBR Technology), 05 MLD, STP (SBR Technology) both located at Vill. Kharati Khera, Bhattu Road, Fatehabad and another 10 MLD STP (SBR Technology) at Majra Road, Fatehabad has been installed by HSVP (HUDA).
4.1	Industrial effluent Management	No industrial effluent is being discharged in River Ghaggar in District Fatehabad.
4.2	Region/ Sector wise number of industries	No unit is discharging effluent into River Ghaggar under the jurisdiction of District Fatehabad. However, there are only

### ATR for the month of September, 2021 of District Fatehabad

		17 Nos. water polluting units existing in District Fatehabad having mode of discharge on land reusing and for irrigation.
4.3	GEO mapping of industries	List of GEO Mapping of all the 17 Nos. of water polluting industries is attached herewith <b>Annexure-4</b> . Though no unit is discharging its effluent into River Ghaggar in District Fatehabad.
5.1	Regular monitoring of industries by STF and action against violators	02 No. of industry and 03 Nos. of HCF has been inspected during the Month of September by DLSTF and found complying Environmental norms. No industrial effluent is being discharged in River Ghaggar in District Fatehabad.
5.2	Closure action against illegal industries	Nil, as no illegal unit found during the Month of September, 2021.
6	Dredging & de-silting of drains in the cities.	As per report submitted by SE, BWS Circle vide letter No. 7255-59/F-2021 Dated: 04/10/2021 for the month of September- 2021:- It is submitted that in the jurisdiction of BWS Circle Fatehabad there is no drain in Urban Area and the status of Dredging & de-silting of drains in the rural Area is given as per <b>Annexure-07</b> .
7	Interception of sewage in un-sewered area of unapproved colonies.	Not applicable as no action is required for district Fatehabad as per action plan submitted.
8	Plan for laying of sewerage in approved colonies along river Ghaggar	No action required for district Fatehabad as per action plan submitted.
10	Action Plan for STPs	Sample of all 06 Nos. STPs have been collected out of which 02 Nos. of STP i.e. 6.5 MLD STP Ratia, Distt. Fatehabad & 03 MLD, STP, Jakhhal has been found exceeding the parameter as per the Analysis Report received from HSPCB Lab Hisar and SCN has been issued to PHED. Details in this regard are attached as. <b>Annexure-5</b> .
10.1	Action plan for existing STPs	The design of up gradation of 10 MLD PHED STP Fatehabad, 6.5 MLD PHED STP Ratia & 10 MLD PHED STP Tohana has already been allotted and hydraulic design and structural design has been approved from Competent Authority of PHED and direction for execution of work given to contractor at earliest and Ratia work started. The works of up gradation of all the 03 Nos. STPs to TTP is under progress. Whereas, the remaining 03 Nos. STPs i.e. 10 MLD STP at Majra Road, Fatehabad, 05 MLD, STP of PHED at Vill. Kharati Khera, Fatehabad and 03 MLD, STP of PHED Jakhhal at Vill. Narail are based on SBR Technology.
10.2	Action plan for under construction STPs (2018-19).	Work of Installation of 5 MLD STP Kharati Khera, Road Fatehabad has been completed in Dec. 2018 and commissioned.

### ATR for the month of September, 2021 of District Fatehabad

10.2.1	Action plan for under construction STPs (2019-20)	Work of Installation of STP in Jakhal Town has been completed and commissioned from 01.01.2020.
10.3	Action plan for proposed STPs	Presently 08 MLD STP at Bhuna District Fatehabad has been proposed by PHED, Fatehabad. As per report submitted by PHED, total 95% work completed till September, 2021.
10.4	Monitoring of STPs / Compliance/Non compliance status	Attached as <b>Annexure-5</b> .
10.5	STP Sludge	Samples of STP sludge from the all STPs have been collected and all the STPs sludge parameters found complying as per schedule-I of Solid Management Rules, 2016 according to the Analysis Report received from HSPCB Lab Hisar. Details in this regard are attached as <b>Annexure-6</b> .
11	Action plan for CETPs	Not applicable as no CETP installed in jurisdiction of Hisar Region (Fatehabad District).
12	Monitoring of CETPs	NA, as there is no CETP in District Fatehabad.
13	Online Monitoring Devices by the STP in Ghaggar Catchment.	Total 06 Nos. of STPs are established in Distt. Fatehabad and all the STPs have installed Online Analyzer and connected with CPCB and HSPCB Server.
13.1	Online Monitoring Devices by the industries in Ghaggar Catchment.	No industrial effluent is being discharged in River Ghaggar of District Fatehabad.
14	Plan for integrated Solid Waste Management (ISWM) of 7 Clusters (Falling in Ghaggar catchment Area)	As per report submitted by Executive Officer, MC Fatehabad vide letter 3833 dated 01.10.2021:- Re-tendering process was initiated.
14.1	ISWM plan for 2019	As per report submitted by Executive Officer, MC Fatehabad vide letter 3833 dated 01.10.2021:- Re-tendering process was initiated.
14.2	ISWM plan for 2020	As per report submitted by Executive Officer, MC Fatehabad vide letter 3459 dated 01.09.2021:- Re-tendering process was initiated.
14.3	ISWM plan for 2021	As per report submitted by Executive Officer, MC Fatehabad vide letter 3833 dated 01.10.2021:- Model tender documents is being prepared by Head Quarter for cluster Bhuna (ISWM) Fatehabad in 2021.
15	Plan for e-waste management by HSPCB/ ULBD	1. There is no E-waste recycler in district Fatehabad. 2. There is No bulk generator under the jurisdiction of Fatehabad District. 3. Not applicable as there is no E-waste recycler or bulk generator.
16	Plan for plastic waste management by HSPCB/	As per report submitted by Executive Officer, MC Fatehabad vide letter No. 3833 dated 01.10.2021:-

### ATR for the month of September, 2021 of District Fatehabad

	ULBD	Notification and enforcement has been done for plastic bag seller and purchaser in District Fatehabad, and 193 Nos. of challan made upto September, 2021.
17	Plan for Bio –Medical waste Management	<p>There is no CBWTF in district Fatehabad.</p> <p>Total 02 No. of HCF has been inspected during September, 2021 and found complying.</p> <p>70 of HCF have adopted bar coding system.</p> <p>No GAP analysis required as there is no CBWTF in Fatehabad.</p> <p>No up gradation of incinerator is required as there is no CBWTF in Fatehabad District.</p> <p>Total 214 HCF have been established in district Fatehabad and all the HCFs in the district have been obtained Authorization under BMW Rules and agreement with CBWTF for safe disposal of Bio Medical Waste.</p>
18	<p>Plan for Hazardous waste management in Haryana.</p> <p>1.Awarenes programme started from 01.01.2019</p> <p>2. Quarterly inspections of CTSDFS.</p> <p>3. 6 monthly Inspection of recycling facility.</p> <p>4. Online tracking of Hazardous Waste by 30.06.2019.</p> <p>5. Manifest system for movement of Hazardous Waste by 31.03.2019.</p> <p>6. Sampling of infrastructure and manpower of creating testing facility for Hazardous Waste by 31.08.2019.</p>	<p>Total 15 Nos. of units are covered under HWM, Rules. Out of which 13 Nos. units have obtained the authorization under HWM Rules for safe disposal of Hazardous Waste and remaining 2 Nos. units have been closed by Board due to non compliance.</p> <p>1. Awareness program are conducted regularly for compliance of HWM, Rules, 2016.</p> <p>2. No, CTSDFS in District Fatehabad.</p> <p>3. No, recycling facility unit in District Fatehabad.</p> <p>4. Online tracking of hazardous waste has started in District Fatehabad by GEPIL.</p> <p>5. Manifest system for movement of hazardous waste is being issued by GEPIL from where the Hazardous waste is lifted as briefed by the GEPIL.</p> <p>6. No, CTSDFS in District Fatehabad</p>
19	Agriculture Practices	As per intimation received from DDA, Agriculture Department, Fatehabad vide there letter No. 9929 dated 05.10.2021:- During the month of September, 2021 a total of 506 village level awareness camps were organized in district Fatehabad in which farmers were educated regarding adoption of Good Agricultural Practices and farmers were motivated to adopt Good Agricultural Practices like judicious use of pesticides in crops as per the recommendations of IPM and use of Fertilizer on the basis of Soil Test.
19.1	Crop Diversification/ inter Cropping	As per intimation received from DDA, Agriculture Department, Fatehabad vide there letter No. 9929 dated



## ATR for the month of September, 2021 of District Fatehabad

		<p>05.10.2021:- Farmers are motivated to grow Moong crop to increase pulse production and enhance soil fertility during the year 2021-22. During this year 2671.92 quintals Dhanicha seed was provided to farmers at subsidized rates for green manuring. During the year 2021-22 a total of 11954 acres were registered on "Meri Fasal Mera Byora" portal for crop diversification from paddy to others crops. Further report as under: Treated water of STPs is being partially used by the farmers for irrigation purpose. Treated water of 10 MLD STP HSVP, Fatehabad is completely used for horticulture purpose.</p>
19.2	<p>Water Efficient Agriculture Practices</p> <ol style="list-style-type: none"> <li>1. Micro irrigation on STP.</li> <li>2. Recycling and reused of treated waste water for irrigation in Fatehabad by 2020-2021.</li> <li>3. Micro Irrigation in existing canal commands.</li> </ol>	<p>As per intimation received from DDA, Agriculture Department, Fatehabad vide there letter No. 9929 dated 05.10.2021:- During the month of September, 2021 farmers are motivated to adopt water efficient agricultural practices. Online process of providing subsidy to farmers for construction of water tank and installation of drip and sprinkler system in cotton crop has been started. Treated water of STPs is being partially used by the farmers for irrigation purpose. Treated water of 10 MLD STP HSVP, Fatehabad is completely used for horticulture purpose.</p>
20	Increasing the water storage capacity	<ol style="list-style-type: none"> <li><b>1. Plan for Soil Moisture increasing by:</b> <ol style="list-style-type: none"> <li>(i) Cover Crop.</li> <li>(ii) Increase water holding capacity Improving Soil Structure by adding organic matter.</li> <li>(iii) Mulching.</li> </ol> </li> <li><b>2. Ground water Storage</b> by making of roof rain water harvesting by injection wall.</li> <li><b>3. Surface storage – Ponds, Tanks, Kund</b> returning wall of ponds.</li> </ol>
21	Greenery Development Plan	<p>As per intimation received from DFO, Department, Fatehabad vide email dated 02.10.2021:- Total 394495 Nos. of tree's plantation to be planted for this year, out of which 47895 Nos. of plants have been planted till date.</p>
22	Ground water Management	<p>This office collected and got analyzed 18 Ground water samples (from river Ghaggar catchment area (about 500 meter periphery of river) in September, 2021 (on quarterly basis), out of which 14 samples failed and are not meeting the drinking water standards. Sign Board with the statutory warning- "Water is not fit for drinking" installed where parameters are exceeding the prescribed limit. No industry Reverse pumping observed in District Fatehabad during the month of September, 2021. Details in this regard attached as <b>Annexure-A-3</b>. Nil as no contaminating source to drinking water found.</p>

### ATR for the month of September, 2021 of District Fatehabad

		<p>Rain water harvesting system has been provided by HSVP Fatehabad.</p> <p>All Treated water of 10 MLD STP HSVP, Fatehabad is completely used for horticulture purpose.</p>
23	Open defecation in district	<p>As per report submitted by Executive Officer, MC Fatehabad vide letter 3833 dated 01.10.2021:- Fatehabad has been declared as open defecation free City due to Municipality has distribute 53 Nos of IHHL to whom needy person or who not capable to make a toilet in the house and also Municipality maintain 17 Nos of public toilet for the citizen and 11 community toilet. Instead that all toilet are located in Google map for the connivance of city dwellers easy to find nearest toilet so that MC Fatehabad has been total control on the open defecation in the city area.</p>
24	<p>Septage Management / disposal by sewages through tankers</p> <p>Tanker disposal system to be adopted in 9 MCs by 15.11.2019.</p>	<p>MC Fatehabad passed an order in this regard vide memo No 3833 dated 01.10.2021 directing tanker owners who want to do this job to get themselves registered with MC Fatehabad. The principal originator of the sewage waste has to provide to registered tankers only otherwise they will be fined as per NGT orders i.e. a fine of Rs. 5000/-.</p>
25	Involvement of civil Society / creation of awareness	<p>DLSTF Sirsa has conducted Tree Plantation programs in jurisdiction of Fatehabad District in the month of September, 2021.</p>
26	Organization of Health camp	<p>As per the report received from Civil Surgeon, Fatehabad vide No. IDSP/2021/2740 Dated 01.10.2021:- Civil Surgeon submitted the list of villages of District Fatehabad which are located within 500 meter area where medical camps conducted of River Ghaggar in the month of September, 2021. Information in this regard attached as <b>Annexure-8</b>.</p>