

Sub: Regarding final approval of updated District Environment Plan of District Sirsa

Kindly refer to the subject noted above,

In this connection, please find enclosed herewith the updated District Environment Plan of District Sirsa. The same has been prepared under the supervision of Dr. Babu Ram, Technical Expert of Monitoring Committee.

It is submitted for approval and same may kindly be sent to Environment Department through Email i.e. environment@hry.nic.in & hspcbho@gmail.com through office of Deputy Commissioner.

Deputy Commissioner
Sirsa

Kindly discuss.


Regional officer
Hisar Region

f
25/4

- R.O.
Dr. Sunil discussed today.

f
26/5



Tele No. 01662-250890

Regional Office

Haryana State Pollution Control Board,

Regional Office: Bays No. B-7, 8, Urban Estate-II, Hisar -125005

Email-hspebhr@gmail.com



No. HSPCB/HR/2023/ 64

Dated: 06-04-2023

To
The Deputy Commissioner,
Sirsa.

Sub: Regarding final approval of updated District Environment Plan of District Sirsa.

Ref: Monitoring Committee Office letter No. CMC/2022/871-875 dated 21.04.2022.

In this connection, please find enclosed herewith the updated District Environment Plan of District Sirsa. The same has been prepared under the supervision of Sh. Baburam, Technical Expert of Monitoring Committee.

It is submitted for kind approval of same and same may kindly be sent to Environment Department through email i.e. environment@hry.nic.in, through office of Deputy Commissioner.

DA/- As above


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Date: 2023.04.06 11:03:45 +05'30'
**Regional Officer
Hisar Region**

District Environment Plan of District Sirsa, Haryana



District Administration Deputy Commissioner, Sirsa

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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 Solid Waste Management Rules, 2016 also flagged other issues requiring 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 243G, 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 243ZD) with representatives from Panchayats, Local Bodies, Regional Officers, State PCB and a suitable officer representing the administration, which may inturn 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

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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 administration 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 all District Magistrates & Regional Officers of HSPCB for preparation of District Environment Plan (DEP) as per the orders of Hon'ble NGT 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 Waste water 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 uncontrolled 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 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 principle of resource efficiency.
5. To ensure decentralized micro level planning, execution and monitoring regarding environment conservation.

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6. To incorporate all face 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 stake holder, department, agencies, organizations and individuals at district level to understand and implement micro level environment al conservation actions.
10. To harness sinter-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 there of. 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 stake holders and focus on priorities. This would require close monitoring. The District Environment Monitoring Committee has been constituted by Deputy Commissioner, Sirsa 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 Council & 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 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.

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- 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

Sirsa, the north western most district of Haryana State with a total geographical area of 4270sq. km is located between 29°1329°59’ north latitudes and 74°3075°70’ east longitudes. It is surrounded by Muktsar, Bathinda & Mansa districts of Punjab in the north, Ganga Nagar & Hanumangarh districts of Rajasthan in West and South, Fatehabad and Hisar districts of Haryana in north east and south east respectively. The district is under control of Hisar division and administratively divided into seven development blocks namely Sirsa, Dabwali, Odhan, Baragudha, NathusariChoupta, Rania & Ellenabad. The Sirsa city, occupies an area of 19.73 Sq. km within the municipal limit and is situated on the N.H.No.10. The city falls in Sirsa block of the district.

District Administrative Set-up

The district comprises of 363 villages. Sirsa district is administratively divided as follow:

District	Sub Division	Tehsil	Blocks
Sirsa	1. Sirsa	1. Dabwali	1. Baragudha
	2. Dabwali	(With Goriwala as Sub-Tehsil)	2. Dabwali
	3. Ellenaba	2. Sirsa	3. Ellenabad
	4. Kalanwali	3. Rania	4. Nathusari Chopta
		4. Ellenabad	5. Odhan
		5. Kalanwali	6. Rania
		6. NathusariChopta	7. Sirsa

a. Local institutions

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

Sr.No.	Urban Local bodies
1	Municipal Council, Sirsa
2	Municipal Council, Dabwali
3	Municipal Committee, Ellenabad
4	Municipal Committee, Rania
5	Municipal Committee, Kalanwali

Besides these Sirsa District has 341 Gram Panchayats.

b. Natural Resources

The District Sirsa is not very rich in terms of natural resources i.e. water and forest. The Ghaggar, an important seasonal river in the district is a major drainage of the area. It enters the district near village Ranga (Block-Baragudha) and flows through the central part of the district (covering Sirsa, Rania, Ellenabad and part of Baragudha blocks) in south westerly direction but about 1.5 km down stream of Ottu Weir (renamed as Ch. DeviLal Weir), it takes a sharp turn towards west and flows in the westerly direction. The river leaves the district

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A little to the south west of village Kariwali (block-Ellenabad) and enters Rajasthan and is finally lost in the arid belt (thar desert) of Rajasthan. The river is dammed at Ottu from where two prominent canals namely northern ghaggar and southern ghaggar takes off. The river some times gets flooded during monsoon and causes extensive damage to crops and property. The total length of river ghaggar in the district is about 85 km . Besides, the area is also drained by the artificial drains, which are used during heavy rains by pump age to the canals. In water- logged areas, these artificial drains have also been proposed to combat the water logging problems in the area.

Geography & Demography

Terrain of Sirsa may be classified into three types i.e. Haryana Plain, alluvial bed of Ghaggar or Nali and Sand dune tract. The Haryana Plain is a vast surface of flat to rolling terrain and extends south to the northern boundary of the bed of the Ghaggar. It covers over 65% area of the district. The elevation of the surface varies from 190 to 210m. The palaeo channels set the occurrence of sand dunes in this terrain a part from those in the dune tract. The plain is traversed by dune complexes and shifting sands. Alluvial bed of Ghaggar is a clayey surface of flat, plain bordered in the north and west by the Haryana Plain and in the south along the sand dune tract. Water logging is a serious problem in many parts due to impervious clay of great thickness. At places, swamps support a high density of tall grass. Sand dune tract is in the southernmost part of the district and is the north ward extension of the sand dunes of Hisar and Ganga Nagar district of Rajasthan. Height of the Tibbas (sand dunes) vary from 13 to 17 m in some places. All tibbas are broad based transverse ridges, some more than 3 km long. Linear to complex ridges generally 2 to 5 m high are also present throughout the sandy stretch of the land.

As per 2011 census the total population of the district is 12,95,189. The district ranks at 8th place in the population size of the district in the Haryana State. The decennial growth rate of population of the district for the decade 2001-2011 was + 15.99 per cent. The rural and urban population is 975941 and 3,19,248 with an average density of 303-person/sq km, which is lowest in the state. Out of total population 682582 are males and 612607 are females. The male and female ratio of the district as a whole was 1000:897 In Sirsa district rural population is settled in 363 villages and the rest of population is concentrated in five towns. There is no scheduled tribe population in the district, as no part of the district is under tribal area. The population of scheduled caste is 3,87,381. The percentage of scheduled caste population of the district is 29.90%.

c. Land Use Pattern:

Sirsa district is one of the major contributors of agricultural production. Out of the total area of 4.27 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

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

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.

d. Climate:

The climate of the district is extremely arid. It is very hot in summer and marked ly cold in winter. The maximum temperature is recorded in the months of May and June, when it goes up to as high as 41.6°C. and the minimum touches 1.5 degrees C. in December and January. Dust storms which very adversely affect the cottons owing in the sandy areas of the district are common in summer.

The normal annual rain fall of the district is 318 mm which is unevenly distributed over the area 20 days. The south west monsoon, sets in from last week of June and withdraws in end of September, contributing about 80% of annual rain fall. July and August are the wettest months. Rest 20% rainfall is received during non-monsoon period in the wake of western disturbances and thunder storms. Generally rainfall in the district increases from south west to north east.

Normal Annual Rain fall : 318 mm

Normal monsoon Rain fall: 253mm

CHAPTER-2

INDICATIVE GAP ANALYSIS AND ACTION PLANS FOR COMPLYING WITH WASTE MANAGEMENT RULES

(i) Solid Waste Management

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

Sr.No.	Urban Local bodies	No of Wards	No of House holds	Solid Waste Generated per day(TPD)
1	Municipal Council,Sirsa	31	36191	101
2	Municipal Council,Mandi Dabwali	21	10485	28
3	Municipal Committee, Ellenabad	17	6810	14
4	Municipal Committee,Rania	15	4980	12
5	Municipal Committee,Kalanwali	15	4380	9

A. Municipal Council Sirsa

a. Current status related to solid Waste management

Performa for the Compliance of District Environment Plan.							
Sr.No	Details to be Filled	Status					Remark
	NameoftheULB:	Municipal Council, Sirsa	MC Dabwali	MC Ellenabad	MC Rania	MC Kalanwali	
	Name of the Nodal Officer:	Ajay Panghal(Xen)	Sh. Rakesh Poonia Executive Engineer	Sh.Girdharilal (Secretary)	Sh.Ashish	Sh. Virkam Jeet	
	Contact No:	8901261500	9468283888	9729745141	9050097957	80537-15199	
1	Total No. of Wards	31	21	17	15	15	
2	Total No. of House holds	36191	10485	6810	4980	4380	
3	Total Waste Generated (in TPD)	101	28	14	12	9TPD	
4	Door to Door Collection of solid waste	Yes	Yes	Yes	Yes	Yes	
4.1	Total No. of house holds covered under Door to Door Collection of solid waste	36191	10485	6810	4980	4380	
4.2	Total No. of wards covered under Door to Door Collection of solid waste	31	21	17	15	15	
4.3	%age of door to door collection of solid waste achieved	100%	100%	100%	100%	100	

4.4	Gap to achieve 100% Door to Door collection	NIL	Nil	Nil	Nil	Nil	
4.5	If the reis gap,then Timeline to achieve 100% Door to Door collection	NA	Target already achieved	Already Achieved	Target achieve	Alrea dy Achie ved	
5	Source Segregation of solid waste						
5.1	Total No. of house holds covered under Source segregation of solid waste	36191	10485	6810	4980	4380	
5.2	Total No. of wards covered under source segregation of solid waste	31	21	17	15	15	
5.3	%age of source segregation of solid Waste achieved	78%	100	100%	100%	100%	
5.4	Gap to achieve 100% Segregation	22%	No gap	NA	NA	NO	
5.5	If there is gap, then Timeline to achieve 100%Segregation	31.03.2023	NA	NO	No	NA	
6.	Litter Bins						
6.1	Tick the Correct and Provide the Details as required:-						
6.1.1	* Bin free Residential area	Yes	Yes	Yes	Yes	Yes	
6.1.2	Whether Litter Bins till exist in residential area	No	no	No	No	20Nos	
6.2	No. of Litter Bins required in Commercial places and public places(as per SBM Guidelines)	100	50	60	50	20	
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	100 Door to door collection by compartment alized vehicle Tata ace	50Nos Litter bins emptied on daily basis and garbage collected and transported at Dumpsite/ Processing site	25 Nos Litter bins emptied on daily basis and garbage collected and transported at Dumpsite/ Processing site	20 Litter bins emptied on daily basis and garbage collected and transported at Dumpsite/ Processing site.	20Nos Compart ment alization with color scheme has been done for wet & dry waste. Litter bins emptied on daily basis and garbage collected And transport ed at Dumpsite	

						/Processing site.	
7.	Separate Transportation						
7.1	No. of vehicles required for the Collection and transportation of solid Waste..	37	21	6	7	6	
7.2	No. of vehicles available with the ULB for collection and transportation of solid Waste along with percentage.	37 100%	21	6&10 0%	7	6	
7.3	Gap, if any	No	NO	No	Nil	Nil	
7.4	If there is gap, then Time line to achieve the gap.	No	No	No	Target Achieved	NA	
7.5	No. of compartment alized vehicles Along with percentage.	31	21	6(100%)	7(100%)	6	
7.6	Gap to achieve 100% compartment alized vehicles.	100	100% Target achieved	No	Nil	Nil	
7.7	If the reis gap, then Timeline to Ref achieve 100% compartment alized vehicles.	Targetachieved	No	Target Achieved	Target Achieved	NA	
7.8	No. of vehicles with GPS for the collection and transportation of solid Waste along with percentage.	31	21	6	7	6	
7.9	Gap sto achieve 100% vehicles with GPS for the collection and transportation of solid waste.	No	No	No	Nil	Nil	
7.10	If there is gap, then Timeline to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	Targetachieved	Target achieved Nil	Target Achieved	Target Achieved	NA	
8	Solid Waste Processing						
8.1	Total amount of solid waste Generated	101TPD	28TPD	14 TPD	12TPD	9TPD	

	with in the ULB						
8.2	Quantity of wet waste generated(in TPD)	47TPD	14TPD	8TPD	7TPD	3TPD	
8.3	Quantity of dry waste generated(in TPD)	54TPD	14TPD	6TPD	5TPD	6TPD	
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	Yes, Dry Waste segregated at Material Recovery facility and further channelized to authorized vendors	Yes, Dry Waste segregated at Material Recovery facility and further channelized to authorized vendors	Yes, Dry Waste segregated at Material Recovery facility and further channelized to authorized vendors	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	54(100%)	14 & 100%	4.5 TPD	2TPD	0.6 TPD 10%	
8.4.2	Gap in processing of Dry Waste.	No	No	25 %	60%	90%	
8.4.3	If there is a Gap, then Timelines to achieve 100% Processing of dry waste	No	No	31.03.2023	31.03.2023	31.03.2023	
8.5	Construction of MRFs						
8.5.1	Number of MRFs required in MC	1	0	Yes	Yes	Yes	
8.5.2	How many MRFs are available within The ULB	1	1	1	1	1	
8.5.3	Gap,if any	No	No	1	1	1	
8.5.4	If there a Gap ,then time lines to achieve the Gap	No	NA	Nil	Nil	Nil	
8.5.5	Capacity of available MRFs	70MT	20TPD	8	8TPD	8 TPD	
8.6	Quantity of wet Waste processed(in TPD) along with percentage	47 & 100%	14TPD	6.4 TPD	5TPD	1TPD(33%)	
8.6.1	Gap in processing of Wet waste.	NA	NoGap,as 100%Processing	20%	29%	2TPD(67%)	
8.6.2	If there is a Gap, then Timeline to Achieve 100% Processing of wet waste	NO	NA	31.03.2023	31.03.2023	31.03.2023	
8.6.3	Number of compos pits required for processing of total Wet waste of ULB	50	30	26	22	16	

	Number of compost pits provided for Processing of wet waste	34	30	26	18	16	
	Timelines for construction of Remaining compost pits	31.03.2023	NA	NA	31.03.2023	Achieved	
8.6.4	Kindly mention any other mode for Treatment of wet waste	Pit composting	NA, because composting is done for whole wet waste	Pit composting	Pit Composting	Pit Composting	
8.7	Whether there is proposal to set up Integrated Scientific Solid Waste Management facility.	NA	No proposal yet	NA	No	No	
8.7.1	If yes mention timelines	NA	NA	NA	NA	NA	
8.7.2	Month wise progress.	NA	NA	NA	NA	NA	
8.7.3	Status of issuance of authorization under SWM Rules-2016.	NA	NA	Yes	NA	Not obtained	
8.8	Quantity of total solid waste processed (dry waste processing +wet waste processing) (in TPD) along with percentage.	101 100%	28 100%	10.9TPD, 77.8%	7TPD, 59%	1.6 (18 %)	31.03.2023
9	Plastic Waste Management						
9.1	Quantity of Plastic Waste (TPD)	10TPD	03TPD	0.5TPD	0.5TPD	0.5TPD	
9.2	No. of collection Centre required for Plastic Waste	1	1	1	1	1	
9.3	No. of collection Centre provided for Plastic Waste	1	1	1	1	1	
9.4	Gap, if any	Nil	Nil	Nil	Nil	Nil	
9.5	If there a Gap, then timelines to achieve the Gap	Achieved	Achieved	Achieved	Achieved	Achieved	
9.6	Mechanism for collection for Plastic Waste	Through RagPickers	Through RagPickers	Through RagPickers	Through RagPickers	Through RagPickers	
9.7	Mechanism for segregation for Waste	Through RagPickers	Through RagPickers	Through RagPickers	Through RagPickers	Through RagPickers	
9.8	No. of ragpickers integrated	135	43	15	29	31	
9.9	Mechanism of scientific disposal of Plastic Waste	Through authorized recycler	Through authorized recycler	Through authorized	Through authorized recycler	Through authorized recycler	

				recycle r			
9.10	Quantity of Plastic Waste being disposal scientifically (TPD)	10 TPD	03TPD	0.5TPD	0.5TPD	0.5TPD	
9.11	Quantity of Plastic Waste recycled (TPD)	10TPD	03TPD	0.5TPD	0.5TPD	0.5TPD	
9.12	Quantity of Plastic Waste used for road construction(MT)	Nil	Nil	Nil	Nil	Nil	
9.13	Quantity of Plastic Waste used for incineration in cement plants(MT)	Nil	Nil	Nil	Nil	Nil	
9.14	No. of Producers, Importers, Brand-owners (PUBOs) engaged under extended Producer Responsibility(EPR)	Nil	Nil	Nil	Nil	Nil	
9.15	No. of awareness activities conducted	03 quarterly	03 quarterly	03quarterly	03quarterly	03quarterly	
10	C & D Waste						
10.1	Quantity of C & D waste generated(in TPD)	0.1666TPD or 5Ton per month	0.1 TPD or 3 Tonne/Month	0.3333TPD or 1 Tonne/month	0.0333 TPD or 1Tonne/Month	0.333 TPD OR 1TP/Month	
10.2	Mechanism for proper collection, transportation, processing and disposal of C & D Waste .	Mechanism for proper collection, transportation provided i.e. through tractor & trolley	collection, transportation, processing and disposal of C&D Wasted one by Contract or through Tractor & trolley	1 Tractor Trolley for collection.	1Tractor Trolley for collection	1 Tractor Trolley for collection	
10.3	Whether separate site for storage of C & D waste has been identified or not. (If Yes, Kindly Mention the details of the site)	Yes, Auto market, Sirsa	Yes,One site Identified Uttam Nagar ward No.01	Yes, Mameran Road by pass	yes, near nirankari bhawan, balasar road, ward no.02, rania	Yes Near Dadu Road	
10.4	If the storage site is identified, please as Confirm if it is notified	YES	Yes	Notified	Notified	Notified	
10.5	Whether processing of C&D waste is done or not(If Yes, mechanism adopted for the same)	Through M/s jai shri ganga maa industries village randhawa district sirsa	Yes (Separate Tender Given)	No	No	No	
10.6	Details of machinery installed for Processing of C& D waste	Through M/s/jai shri ganga maa industries village randhawa district sirsa provided crushing & paving machine	Managed at Contractor Level	Not installed yet	Not installed	Not installed	
10.7	Kindly explain use of recycled products generated from C & D	Manufacturing of tiles & blocks	Reused at Contractor Level	N.A	NA	Not made	

	processing plant.						
10.8	Status of clearance of old dumping sites along the road side and water Bodies	All site cleared	No old dumping sites exists alongwith road side and water bodies	No old dumping sites exists alongwith road side and water bodies	No old dumping sites exists alongwith road side and water bodies	No old dumping sites exists alongwith road side and water bodies	
10.9	No. of approvals granted of wastemanagementpl ansubmittedbywast egenerators before construction starts.	Nil	Nil	Nil	Nil	Nil	
Plastic waste and other solid waste Challans							
11.1	No. of recyclers registered	7	4	1	1	1	
11.2	No. of Challans issued (during the last Three months)	8	4	3	5	2	
11.2.1	No. of Challans issued for selling / use of Plastic carry bags or single use plastic items by the shops/individuals	8	4	3	5	2	
11.2.1.1	Amount of fine(in Rs.) imposed on the violators	7000	2000	1500	2500	1500	
11.2.1.2	Amount of fine(in Rs.) collected from the violators	5000	Nil	1500	2500	1500	
11.2.2	No. of Challans issued for littering of Plastic waste	No	Nil	NO	15	5	
11.2.2.1	Amount of fine(in Rs.)imposed on the violators	No	Nil	NO	1500	500	
11.2.2.2	Amount of fine (in Rs.) collected from the violators	No	Nil	NO	1500	500	
11.2.3	No. of Challans issued for burning of Plastic waste	No	Nil	NO	No	0	
11.2.3.1	Amount of fine (in Rs.) imposed on the violators	No	Nil	NO	No	0	
11.2.3.2	Amount of fine (in Rs.) collected from The violators	No	Nil	NO	No.	0	
11.2.4	No. of Challans issued for littering of others solid waste	No	Nil	NO	No	5	

11.2.4.1	Amount of fine (in Rs.) imposed on Lees the violators	No	Nil	NO	No	500	
11.2.4.2	Amount of fine(in Rs.) collected from The violators	No	Nil	No	No	500	
11.2.5	No. of Challans issued for burning of others solid waste	No	Nil	NO	No	0	
11.2.5.1	Amount of fine (in Rs.) imposed on the violators	No	Nil	NO	No	0	
11.2.5.2	Amount of fine(in Rs.) collected from The violators	No	NO	NO	No	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)	5000	Nil	1500	5000	2500	
12	Bulk Waste Generators (BWGs) processing of solid waste						
12.1	Total No. of BWGs Identified. With 100 Kg and above solid waste/day with 50 Kg to 100 kg solid waste/day.	6	NA because no waste generator having more than 50KGPD	NA because no waste generator having more than 50KGPD	There is no Bulk Waste generator in M.C. Limit	No Bulk waste Generator in MC Kalanwal i	
12.2	Quantity of solid waste generated by The identified BWGs(in TPD)	1.6TPD	NA	NA		NA	
12.3	Total No. of BWGs processing waste within their premises along with percentage.	2	NA	NA	NA	NA	
12.4	Total No. of BWGs processing waste Outside the or premises along with	NA	NA	NA	NA	NA	

	percentage						
12.4.2	Gap in 100% processing of waste by BWGs within or outside the ir Premises	65%		NA	NA	NA	
12.4.3	If there is a Gap, then timeline to achieve 100% processing done by BWGs with in or outside the ir premises	31.03.2023	NA	NA	NA	NA	
12.5	Recovery and fine/ penalty mechanisms on those BWGs who are not processing the waste either within the ir premises or outside the ir premises	0	NA	NA	NA	NA	
12.6	Amount of fine/ penalty recovered (in Rs.)	0	NA	NA	NA	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	Yes	NA	NA	NA	NA	
13	Preventing solid waste from entering into water bodies						
13.1	Detailed Information of Mechanism Adopted(wire-mesh, etc.)	NA	Not applicable because no such Nallah / Drain in the Jurisdiction of MC Limit more over covered sewage system is provided.	Not applicable because no such Nallah / Drain in the Jurisdiction of MC Limit more over covered sewage system is provided.	Not applicable because no such Nallah / Drain in the Jurisdiction of MC Limit more over covered sewage system is provided.	Not applicable because no such Nallah / Drain in the Jurisdiction of MC Limit more over covered sewage system is provided.	

13.2	Drains/nallahs within Municipal limits (Responsibility of Municipality/MC)	There is no drain in MC Limit	No Drains/ Nallahs in MC Jurisdiction	No Drains/ Nallahs in MC Jurisdiction	No Drains/ Nallahs in MC Jurisdiction	No Drains/ Nallahs in MC Jurisdiction	
13.2.1	Name of drains/nallahs where steps Have been completed to prevent entering of solid waste	NA	NA	NA	NA	NA	
13.2.2	Name of drains/nallahs where steps have not been completed to prevent Entering of solid waste	NA	NA	NA	NA	NA	
13.3	Drains/nallahs— outside Municipal limits (Responsibility of Rural development & Panchayat department	NA	NA	NA	NA	NA	
13.3.1	Name of drains/nallahs where steps have been completed to prevent entering of solid waste	NA	NA	NA	NA	NA	
13.3.2	Name of drains/nallahs where steps have not been completed to prevent entering of solid waste	NA	NA	NA	NA	NA	
14	User fees						
14.1	Whether User Fee has been notified or not.(If Yes ,kindly provide the Notification)	Yes	Yes	yes	Yes	Yes	
14.2	No. of households where User Fee has been prescribed	36191	10485	6810	4980	4380	
14.3	No. of Wards where User Fee has been prescribed	31	21	17	15	15	
14.4	How much recovery is done and what: are the adopted	300000	Rs.530000 amountcollected withhouset	Rs20,000with HouseTax	Nil,RecoveredalongwithpropertyTax	Rs 3,98,000 Collectedw	

	mechanisms		ax			ithHouse Tax	
15	Garbage Vulnerable Points(GVPs)						
15.1	No. of GVPs Identified	NA	NA	NA	NA	NA	
15.2	* No. of GVPs removed * Steps taken to convert the 15.2 vacated places after removing GVPs into sitting places, play grounds, parks, gardens Or any other use full usages	NA	NA	NA	NA	NA	
15.3	Time line store move the pending GVPs	NA	No	NA	Already Removed	NA	
16	Citizen Grievance Redressed						
16.1	No. of complaints registered (in one month)	70	10	8	8	5	
16.2	No. of complaints redressed	68	10	8	8	5	
16.3	Action taken, if complaints are not Redressed	02 Under Process	NA	NA	0	NA	
17	Legacy was the treatment						
17.1	Location and are a under legacy waste dump site Quantity of legacy waste dump edat the dumpsite(MT) °Status of boundary wall and green belt around the legacy Waste dumpsite	Village Bakerianawali, Sirsa & 13Acre 2.63 Lac MT Yes	Near Rambagh, Mandi Dabwali 96000MT Yes	Old Dumpsite , Near R3, Ellenabad 10813MT Yes	Nanuana Road,Rania 5200MT Yes	Near Dadu road & 2 acre 3280MT 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 leach ate and final disposal of treated leach ate	44530 MT Quantity of waste processed till 15 th August 2021 & remaining will be completed after obtaining revised approval from competent Authority No step taken	30684MT Quantity of Waste processed till Oct2021. Further revised approval for processing of remaining waste pending at DULB Level	Work order given to Pooja Constr uction work starts in March 2022 and will be compl eted in 31.03. 2023. No step	Work will start soon Work order given to M/s Ding, Man Power Services Ltd Work will start in the end of April2022 No Step	Work will start soon Work order issued on dated 13-8-2021 to M/s Ding man power Securitie s Service Pvt. Ltd	

				taken	taken	machine installati on under process work will start in the end of April 2022	
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 a) Inert material produced	As per below details 24648 11110 4672 4100	16876 7671 3222 2915	Nil	Nil	No	
18	Information Education & Communication activities (IEC) for awareness of the public						
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, handover 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.	10, Almost All House holds (Door To Door Awareness Is Going On In All Wards Through Deputed Saksham Yuva In All Wards .Flex Has been Installed In Every Wards. Meeting Of RWAs,NGOs And Market Association Has Been Taken By ULB Sirsa Time To Time.	5(Quarterly) Door to door awareness The wards through deputed Saksham yuva and hoardings/ banners installed in MC area.	3, Quarterly Almost All House holds (Door To Door Awareness Is Going On In All Wards Through Deputed Saksham Yuva In All Wards .Flex Has been Installed In Every Wards. Meeting Of RWAs,NGOs And Market Association	3 Quarterly Almost All House holds (Door To Door Awareness Is Going On In All Wards Through Deputed Saksham Yuva In All Wards .Flex Has been Installed In Every Wards. Meeting Of RWAs,NGOs And Market Association Has Been Taken By ULB Rania Time To Time.	2(Quarterly) Almost All House holds (Door To Door Awareness Is Going On In All Wards Through Deputed Saksham Yuva In All Wards .Flex Has been Installed In Every Wards. Meeting Of RWAs,NGOs And Market Association Has Been Taken By	

				Has Been Taken By ULB Ellenabad Time To Time.		ULB kalanwali Time To Time.	
19	On-site composting of horticulture waste in Parks & Institutions						
19.1	No. of parks within Municipal limits	20	4	0 2	02	2	
19.1.1	No. of compost pits required in Parks	30	10	4	03	6	
19.1.2	No. of compost pits provided in the parks	30	10	4	03	6	
19.1.3	Gap, if any	NO	Nil	Nil	Nil	0	
19.1.4	Timelines to complete 100% parks with compost pit so rany other mode Of treatment of wet waste.	NA	Nil	NA	Target Achieved	NA	
19.2	No. of Institutes in the city	11	4	04	04	2	
19.2.1	No. of institutes doing on site Composting	8	0	Nil	00	0	
19.2.2	Time lines to complete 100% institutes with compost pits or any Other mode of treatment of wet waste	31.03.2023	31.03.2023	31.03.2023	31.03.2023	31.03.2023	

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
1.	Segregation				
(i)	Segregation of waste at source	100% reacovery, No Gap	To achieve segregation at source. Awareness programs, incentives, penalties/fine etc. will be done.	MC Sirsa	NA

			Monitoring committee has directed that 100% source segregation of solid waste by the MC to be completed by 31.03.2023.		
		No	NA Monitoring committee has directed that 100% source segregation of solid waste by the MC to be completed by 31.03.2023.	MC Dabwali	NA
		No	Monitoring committee has directed that 100% source segregation of solid waste by the MC to be completed by 31.03.2023.	MC Ellenabad	Achieved
		No Gap	Monitoring committee has directed that 100% source segregation of Solid waste by the MC to be completed by 31.03.2023.	MC Rania	Achieved
		NO GAP	Monitoring committee has directed that 100% source segregation of solid waste by the MC to be completed by 31.03.2023.	MC Kalanwali	Achieved
2	Sweeping				

(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. Trollies, Try Cycles ,etc.	Target Archived for Cleaning by: 1. Collection,Segregation, and Transportation of waste from Door to Door of Households. 2. Mechanical Sweeping by Machine Initiated in City. 3. Sweeping initiated Twice in a day in Commercial area sand once in a day in residential areas.	MC Sirsa	Already achieved
		Yes, 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: 1. Collection, Segregation, and Transportation of waste from Door to Door of Households. 2. Mechanical Sweeping by Machine Initiated in City. 3. Sweeping initiated Twice in a day in Commercial area sand once in a day in residential areas.	MC Dabwali	Already achieved
		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. Trollies, Try Cycles ,etc.	Target Archived for Cleaning by: 1. Collection, Segregation, and Transportation of waste from Door to Door of Households. 2. Mechanical Sweeping by Machine Initiated in City. 3. Sweeping initiated Twice in a day in Commercial area sand once in a day in residential areas.	MC Ellenabad	Already achieved

		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. Trollies, Try Cycles ,etc.	Target Archived for Cleaning by: 1. Collection, Segregation, and Transportation of waste from Door to Door of Households. 2. Mechanical Sweeping by Machine Initiated in City. 3. Sweeping initiated Twice in a day in Commercial area sand once in a day in residential areas.	MC Rania	Already achieved
		There is No Gap,100 % Length of the roads are covered for regular manual sweeping,	Target Archived for Cleaning by: 1.Collection, and Transportation of Waste from Door to Door of Households. 2.Sweeping initiated Twice in aday in Commercial areas And once in a day in Residential areas.	MC Kalanwali	Already achieved
(ii)	Mechanical Road Sweeping & Collection	No Gap, Mechanical Sweeping initiated and is in Operation	Mechanical Sweeping of wide Roads Initiated in city by Truck Mounted m/c. Monitoring committee has directed that directions of Hon'ble NGT , Treated waste water of STPs to be utilized for suppression of dust generated during sweeping of roads. No fresh water to be utilized for the said activity.	MC Sirsa	Already achieved

		There is not required Mechanical Sweeping	100 % Length of the roads are recovered for regular manual sweeping. Monitoring committee has directed that directions of Hon'ble NGT , Treated waste water of STPs to be utilized for suppression of dust generated during sweeping of roads. No fresh water to be utilized for the said activity.	MCDabwali	Already Achieved
		There is no requirement of Mechanical Sweeping	100 % Length of the roads are covered for regular manual sweeping. Monitoring committee has directed that as per directions of Hon'ble NGT , treated waste water of STPs to be utilized for suppression of dust generated during sweeping of roads. No fresh water to be utilized for the said activity.	MC Ellenabad	NA
		There is not required Mechanical Sweeping	100 % Length of the roads are covered for regular manual sweeping. Monitoring committee has directed that directions of Hon'ble NGT , Treated waste water of STPs to be utilized for suppression of dust generated during sweeping of roads.	MC Rania	NA

			No fresh water to be utilized for the said activity.		
		There is no requirement of Mechanical Sweeping	100 % Length of the roads are covered for regular manual sweeping. Monitoring committee has directed that directions of Hon'ble NGT , Treated waste water of STPs to be utilized for suppression of dust generated during sweeping of roads. No fresh water to be utilized for the said activity.	MC Kalanwali	NA
3	Waste Collection				
(i)	100% collection of solidwaste	No gap, 100% Collection is achieved.	Will Continue it and further improvement of existing collections ystem.	MC Sirsa	Already achieved
		No gap, 100% Collection is achieved.	Will Continue it and further improvement of existing collections ystem.	MC Kalanwali	Already achieved
		No gap, 100% Collection is achieved.	Will Continue it and further improvement of existing collections ystem.	MCRania	Already achieved
		No gap, 100% Collection is achieved.	Will Continue it and further improvement of existing collections ystem.	MCEllenabad	Already achieved
		No gap, 100% Collection is achieved.	Will Continue it and further improvement of existing collections ystem.	MCDabwali	Already achieved
(ii)	Arrangement for door-to-doorcollection	No gap, 31 vehicles have been deployed for 100% of door-to-door collection	Will Continue it and further improvement of existing collection system.	MC Sirsa	Already achieved

		No gap, 6 vehicles have been deployed for 100% of door-to-door collection	Will Continue it and further improvement of existing collection system.	MC Kalanwali	Already achieved
		No gap, 7 vehicles have been deployed for 100% of door-to-door collection	Will Continue it and further improvement of existing collection system.	MC Rania	Already achieved
		No gap, 6 vehicles have been deployed for 100% of door-to-door collection	Will Continue it and further improvement of existing collection system	MC Ellenabad	Already achieved
		No gap, 21 vehicles have been deployed for 100% of door-to-door collection	Will Continue it and further improvement of existing collection system	MC Dabwali	Already achieved
(iii)	Waste Collection trolleys with separate Compartments	No gap, 4 waste collection trolleys are arranged with separate compartment for solid waste collection from door to door.	Will Continue it and further improvement of existing collection system	MC Sirsa	Already achieved
		No gap, 1 waste collection trolleys are arranged with separate compartment for solid waste collection from door to door.	Will Continue it and further improvement of existing collection system	MC Kalanwali	Already achieved
		No gap, 2 waste collection trolleys are arranged with separate compartment for solid waste collection from door to door.	Will Continue it and further improvement of existing collection system	MC Rania	Already achieved
		No gap, 2 waste collection trolleys are arranged with separate compartment for solid waste collection from door to door.	Will Continue it and further improvement of existing collection system	MC Ellenabad	Already achieved

		No gap,4 waste collection trolleys are arranged with separate compartment for solid waste collection from door to door.	Will Continue it and further improvement of existing collection system	MC Dabwali	Already achieved
(iv)	Mini Collection Trucks with separate compartments	No gap, 27 waste collection auto tippers are arranged With separate compartment for solid waste collection & Segregation from door to door.	Will Continue it and further improvement of existing collection system	MC Sirsa	Already achieved
		No gap , 5 waste collection auto tippers are arranged With separate compartment for solid waste collection & Segregation from door to door.	Will Continue it and further improvement of existing collection system	MC Kalanwali	Already achieved
		No gap,5 waste collection auto tippers are arranged With separate compartment for solid waste collection & Segregation from door to door.	Will Continue it and further improvement of existing collection system	MC Rania	Already achieved
		No gap,4 waste collection auto tippers are arranged With separate compartment for solid waste collection & Segregation from door to door.	Will Continue it and further improvement of existing collection system	MC Ellenabad	Already achieved
		No gap,13 waste collection auto tippers are arranged With separate compartment for solid waste collection & Segregation from door to door.	Will Continue it and further improvement of existing collection system	MC Dabwali	Already achieved

(v)	Waste Deposition Centres (for domestic hazardous wastes)	Separated dustbin/Bag in all auto tippers and collected by M/s Ding Man power Services Pvt, Ltd and disposal maintained at Contractor Level.	Separated dustbin/Bag in all auto tippers and disposed off at contractor level. Monitoring committee has directed that waste deposition centre for domestic hazardous waste to be provided by the MC.	MC Sirsa	Achieved
		1 Deposition Centre Required, however Separate dustbin in all auto tippers.	1 No. of deposition centre will be established. Monitoring committee has directed that waste deposition centre for domestic hazardous waste to be provided by the MC.	MC Kalanwali	31.03.2023
		11 Deposition Centre Required, however Separate dustbin in all auto tippers.	1 No. of deposition centre will be established. Monitoring committee has directed that waste deposition centre for domestic hazardous waste to be provided by the MC.	MC Rania	31.03.2023
		1 Deposition Centre Required, however Separate dustbin in all auto tippers.	1 No. of deposition centre will be established. Monitoring committee has directed that waste deposition centre for domestic hazardous waste to be provided by the MC.	MC Ellenabad	31.03.2023

		1 Deposition Centre Required, however Separate dustbin in all auto tippers.	1 No. of deposition centre will be established. Monitoring committee has directed that waste deposition centre for domestic hazardous waste to be provided by the MC.	MC Dabwali	31.03.2023
4.	Waste Transport				
(i)	Review existing infra structure for waste Transport.	No Gap Adequate Vehicles available for waste Transport	No Gap Adequate Vehicles available for waste Transport Monitoring committee has directed that adequate GPS enabled compartmentalized vehicles to be made available with the MC at all the time doe effective transportation of solid waste.	MC Sirsa	Achieved
		Nil	Monitoring committee has directed that adequate GPS enabled compartmentalized vehicles to be made available with the MC at all the time doe effective transportation of solid waste.	MC Dabwali	Achieved
		No Gap,,4 waste collection auto tippers are arranged	Will maintain and further improve the existing System Monitoring committee has directed that adequate GPS enabled compartmentalized vehicles to be made available with the	MC Ellenabad	Already achieved

			MC at all the time doe effective transportation of solid waste.		
		No Gap, Fleets are adequate for transportation of waste	Will maintain and further improve existing system. Monitoring committee has directed that adequate GPS enabled compartmentalized vehicles to be made available with the MC at all the time doe effective transportation of solid waste.	MC Rania	Already achieved
		No Gap, Fleets are adequate for transportation of waste	Monitoring committee has directed that adequate GPS enabled compartmentalized vehicles to be made available with the MC at all the time doe effective transportation of solid waste.	MC Kalanwali	NA
(ii)	Bulk Waste Trucks	04 New Bulk Waste Trucks are required	04 Bulk Waste Trucks will be arranged. Tender under Consideration	MC Sirsa	31.03.2023
		NA	NA	MC Dabwali	NA
		No Gap	Will maintain and further improve the existing System	MC Ellenabad	Already achieved
		No Gap, 7 waste collection auto tippers are arranged with separate compartment for solid waste collection & Segregation from door to door.	Will maintain and further improve the existing System	MC Rania	Already achieved

		Yes, 6 waste collection auto tippers are arranged with separate compartment for solid waste collection & Segregation from door to door.	Will maintain and further improve the existing System.	MC Kalanwali	NA
(iii)	Waste Transfer points	Not applicable as Now as te relay Point	Now as te relay Point	NA	NA
		Not applicable as Now as te relay Point	Now as te relay Point	MC Dabwali	NA
		Not applicable as Now as te relay Point	Now as te relay Point	MC Ellenabad	NA
		Not applicable as Now as te relay Point	Now as te relay Point	NA	NA
		Not applicable as Now as te relay Point	Now as te relay Point	NA	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators(Authority may decide on requirement as per Rules)	65% Gap, As 06 bulk waste generators identified, out of which 4 bulk waste generators do not dispose of waste in Their premises.	For getting on site composting plants commissioned, notice issued to BWGs. Monitoring committee has directed that MC Sirsa to be insure that all the Bulk waste Generators existing within MC area have provided compost pits of adequate size for management of wet waste and for management of (dry waste, necessary agreement shall be made with the Bulk Waste Generators for	BWGs & MCSirsa	31.03.2023

			scientific disposal of said waste with some suitable user charges to be paid by BulkWaste Generator to the MC Sirsa by 31.03.2023.		
		NA, As no Bulk Waste generator	no Bulk waste generator Monitoring committee has directed that MC Sirsa to ensure that all the Bulk waste Generators existing within MC area have provided compost pits of adequate size for management ofwet waste and for management of (dry waste, necessary agreement shall be made with the Bulk Waste Generators for scientific disposal of said waste with some suitable user charges to be paid by BulkWaste Generator to the MC Sirsa by 31.03.2023.	MC Dabwali	NA
		NA, as NO Bulk waste Generator	NO Bulk waste Generator Monitoring committee has directed that MC Sirsa to be insure that all the Bulk waste Generators existing within MC area have provided compost pits of adequate size for management ofwet waste and for management of (dry waste, necessary agreement shall be made with the Bulk Waste Generators for	MC Ellenabad	NA

			scientific disposal of said waste with some suitable user charges to be paid by BulkWaste Generator to the MC Sirsa by 31.03.2023.		
		NA, as NO Bulk waste Generator	NO Bulk waste Generator	NA	NA
		NA,as NO Bulk waste Generator	NO Bulk waste Generator Monitoring committee has directed that MC Sirsa to be insure that all the Bulk waste Generators existing within MC area have provided compost pits of adequate size for management of wet waste and for management of (dry waste, necessary agreement shall be made with the Bulk Waste Generators for scientific disposal of said waste with some suitable user charges to be paid by BulkWaste Generator to the MC Sirsa by 31.03.2023.	MC Kalanwali	NA
(ii)	Wet-waste Management: Facility(ies) for central Bio methanation /Composting of wet waste.	No Gap	No Gap Monitoring committee has directed that adequate no of compost pits for management of wet waste by the MC to be provided by 31.03.2023 and proper record mentioning the	MC Sirsa	NA

			total quantity of wet waste received at compost pit site, quantity of manure produced at site, quantity of manure sold to farmer, distributed within the society fee of cost or used in the parks as manure and copy of the record to be sent to HSPCB Hisar Region on half yearly baiss		
		No Gap,Wet Processed Already Processed through Compost Pit.	Will Maintain And further Improve the Existing system. Monitoring committee has directed that adequate no of compost pits for management of wet waste by the MC to be provided by 31.03.2023 and proper record mentioning the total quantity of wet waste received at compost pit site, quantity of manure produced at site, quantity of manure sold to farmer, distributed within the society fee of cost or used in the parks as manure and copy of the record to be sent to HSPCB Hisar Region on half yearly baiss	MC Dabwali	NA
		20%	Achieved through Pit Composting Monitoring committee has directed that adequate no of compost pits for management of wet waste by the MC to be provided by 31.03.2023 and proper record mentioning the total quantity of wet waste received	MC Ellenabad	31.03.2023

			at compost pit site, quantity of manure produced at site, quantity of manure sold to farmer, distributed within the society fee of cost or used in the parks as manure and copy of the record to be sent to HSPCB Hisar Region on half yearly basis		
		29%	Through Pit Composting Monitoring committee has directed that adequate no of compost pits for management of wet waste by the MC to be provided by 31.03.2023 and proper record mentioning the total quantity of wet waste received at compost pit site, quantity of manure produced at site, quantity of manure sold to farmer, distributed within the society fee of cost or used in the parks as manure and copy of the record to be sent to HSPCB Hisar Region on half yearly basis.	MC Rania	31.03.2023
		67%	By Pit Composting Monitoring committee has directed that adequate no of compost pits for management of wet waste by the MC to be provided by 31.03.2023 and proper record mentioning the total quantity of wet waste received at compost pit site, quantity of manure produced	MC Kalanwali	31.03.2023

			at site, quantity of manure sold to farmer, distributed within the society fee of cost or used in the parks as manure and copy of the record to be sent to HSPCB Hisar Region on half yearly basis		
(iii)	Dry-Waste Management:Material Recovery fordry-waste fraction	No Gap	No Gap Monitoring committee has directed that adequate no of MRFs to be provided by the MC by 31.03.2023 and to be ensure that segregated dry waste maybe disposed off in an environmentally sound manner.	MCSirsa	NA
		No gap as 2 MRF Already available	Will Maintainand Further improve The existing system.	MC Dabwali	Achieved
		25%	will further improve the existing System Monitoring committee has directed that adequate no of MRFs to be provided by the MC by 31.03.2023 and to be ensure that segregated dry waste maybe disposed off in an environmentally sound manner.	MC Ellenabad	31.03.2023
		60%	By Improving Existing Material Recovery Facility Monitoring committee has directed that adequate no of	MC Rania	31.03.2023

			MRFs to be provided by the MC by 31.03.2023 and to be ensure that segregated dry waste maybe disposed off in an environmentally sound manner.		
		90%	By Improving Existing Material Recovery Facility Monitoring committee has directed that adequate no of MRFs to be provided by the MC by 31.03.2023 and to be ensure that segregated dry waste maybe disposed off in an environmentally sound manner.	MC Kalanwali	31.03.2023
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Being done by Contractor	Being done by Contractor Monitoring committee has directed that the site for development of sanitary landfill site to be identify by 31.03.2023 and sanitary landfill site to be developed by 31.03.2023	MC Sirsa	Achieved
		No Gap, One sanitary Landfill available.	Will Maintain and Further improve The existing system.	MC Dabwali	Achieved
		No Gap, One sanitary Landfill available.	Will Maintain and Further improve The existing system.	MC Ellenabad	NA
		No Gap, One sanitary Landfill available.	Will Maintain and Further improve The existing system. Monitoring committee has directed that the	MC Rania	NA

			<p style="text-align: center;">site for development of sanitary landfill site to be identify by 31.03.2023 and sanitary landfill site to be developed by 31.03.2023</p>		
		100%, there is no sanitary landfill available.	<p>01 Sanitary landfill site required and will be established. Disposing of waste at dumpsite till a sanitary landfill site will established.</p> <p style="text-align: center;">Monitoring committee has directed that the site for development of sanitary landfill site to be identify by 31.03.2023 and sanitary landfill site to be developed by 31.03.2023</p>	MC Kalanwali	31.03.2023
(v)	Remediation of historic / legacy dumpsite	<p>Old dumpsite(2.63 Lac MT) is existing and remediation work is in progress at dumpsite. Approval of revised estimate pending from competent authority.</p>	<p>A. Contract for legacy waste processing is given to a private agency. B. 2 sets of turmoil have been provided and erected at dumpsite.</p> <p style="text-align: center;">Monitoring committee has directed that whole of the legacy waste to be remediated the MCs by 31.03.2023 and the by products like RDF,Bio-soil, inert waste and C& D waste generated after treatment of legacy waste to be disposed off in an environmentally sound manner</p>	MC Sirsa	31.03.2023

			proper record of legacy waste processes, quantity of by products produced and the disposal of these by products in an environmentally sound manner to be maintained.		
		Old dumpsite (96000 MT) is existing and remediation work is in progress of dump site.	30684MT already done. Approval for revised quantity pending from Competent Authority Monitoring committee has directed that whole of the legacy waste to be remediated the MCs by 31.03.2023 and the by products like RDF,Bio-soil, inert waste and C& D waste generated after treatment of legacy waste to be disposed off in an environmentally sound manner proper record of legacy waste processes, quantity of by products produced and the disposal of these by products in an environmentally sound manner to be maintained.	MC Dabwali	31.03.2023
		Old dump site (10813MT) is existing and remediation work is in progress of dump site.	Work in progress Monitoring committee has directed that whole of the legacy waste to be remediated the MCs by 31.03.2023 and the by products like RDF,Bio-soil, inert waste and C& D waste generated	MC Ellenabad	31.03.2023

			after treatment of legacy waste to be disposed off in an environmentally sound manner proper record of legacy waste processes, quantity of by products produced and the disposal of these by products in an environmentally sound manner to be maintained.		
		Old dump site (5200MT) is existing and remediation work is in progress of dump site.	Work order already issued on dated 12.08.2021 to M/s. Ding man power Securities services Pvt Ltd. Monitoring committee has directed that whole of the legacy waste to be remediated the MCs by 31.03.2023 and the by-products like RDF,Bio-soil, inert waste and C& D waste generated after treatment of legacy waste to be disposed off in an environmentally sound manner proper record of legacy waste processes, quantity of by products produced and the disposal of these by products in an environmentally sound manner to be maintained.	MC Rania	31.03.2023
		Old dump site (3280MT) is existing and remediation work is in progress of dump site.	Work order already issued on dated 13.08.2021 to M/s. Ding man power Securities services Pvt Ltd. Monitoring committee has directed that whole of the legacy waste to be	MC Kalanwali	31.03.2023

			remediated the MCs by 31.03.2023 and the by products like RDF,Bio-soil, inert waste and C& D waste generated after treatment of legacy waste to be disposed off in an environmentally sound manner proper record of legacy waste processes, quantity of by products produced and the disposal of these by products in an environmentally sound manner to be maintained.		
(vi)	Involvement of NGOs	No Gap, 5NGOs Already involved.	5 NGOs Already involved will be retained.	MC Sirsa	Already achieved
		No Gap, 4NGOs Already involved.	4 NGOs Already involved will be retained.	MC Dabwali	Already achieved
		No Gap, 2NGOs Already involved.	2 NGOs Already involved will be retained.	MC Ellenabad	Already achieved
		NoGap,2NGOs Already involved.	2 NGOs Already involved will be retained.	MC Rania	NA
		No Gap, 2NGOs Already involved.	2 NGOs Already involved will be retained.	MC Kalanwali	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	MC Sirsa	NA

			Waste etc.		
		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 Dabwali	NA
		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 Ellenabad	NA
		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 Rania	NA

		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 Kalanwali	NA
(viii)	Authorization of Waste Pickers	No Gap, 7 Rag Pickers were registered. Allotted the area for collecting the dry waste in segregation manner.	Existing System will be maintained.	MC Sirsa	Already achieved
		No Gap, 43 Rag Pickers were registered. Allotted the area for collecting the dry waste in segregation manner.	Existing System will be maintained.	MC Dabwali	Already achieved
		NoGap,12 Rag Pickers were registered. Allotted the area for collecting the dry waste in segregation manner.	Existing System will be maintained.	MC Ellenabad	Already achieved
		No Gap, 10 Rag Pickers were registered. Allotted the area for collecting the dry waste in segregation manner.	Existing System will be maintained.	MC Rania	Already achieved
		No Gap,10 Rag Pickers were registered. Allotted the area for collecting the dry waste in segregation manner.	Existing System will be maintained.	MC Kalanwali	Already achieved

(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap, Bye Law sal ready prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Sirsa	Already achieved
		No Gap, Bye Law sal ready prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Dabwali	Already achieved
		No Gap, Bye Law sal ready prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Ellenabad	Already achieved
		No Gap, Bye Law sal ready prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Rania	Already achieved
		No Gap, Bye Law sal ready prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Kalanwali	Already achieved

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	07	233521	1167607	68MTD
2	Village/Gram Panchayats	363 Village / 341 Gram Panchayat	233521	1167606	68MTD

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 House holds 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.	Baragudha	47	167821	33564	7	40	31.03.2023
2.	Dabwali	51	185675	37135	6	45	31.03.2023
3	Ellenabad	48	121403	24281	12	36	31.03.2023
4	Nathusari Chopta	53	199957	39991	8	45	31.03.2023
5	Odhan	41	135685	27137	11	30	31.03.2023
6	Rania	60	167821	33564	8	52	31.03.2023
7	Sirsa	63	189245	37849	4	59	31.03.2023
	Total	363	1167607	233521	56	307	

b. 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 House holds 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.	Baragudha	47	167821	33564	7	40	31.03.2023
2.	Dabwali	51	185675	37135	6	45	31.03.2023
3.	Ellenabad	48	121403	24281	12	36	31.03.2023
4.	Nathusari Chopta	53	199957	39991	8	45	31.03.2023
5.	Odhan	41	135685	27137	11	30	31.03.2023
6.	Rania	60	167821	33564	8	52	31.03.2023
7.	Sirsa	63	189245	37849	4	59	31.03.2023
	Total	363	1167607	233521	56	307	

c. 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 House holds 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.	Baragudha	47	167821	33564	7	40	31.03.2023	Compost Pit
2.	Dabwali	51	185675	37135	6	45	31.03.2023	Compost Pit
3.	Ellenabad	48	121403	24281	12	36	31.03.2023	Compost Pit
4.	Nathusari Chopta	53	199957	39991	8	45	31.03.2023	Compost Pit
5.	Odhan	41	135685	27137	11	30	31.03.2023	Compost Pit
6.	Rania	60	167821	33564	8	52	31.03.2023	Compost Pit
7.	Sirsa	63	189245	37849	4	59	31.03.2023	Compost Pit
	Total	363	1167607	233521	56	307		

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 House holds 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.	Baragudha	47	167821	33564	7	40	31.03.2023	Segregation Shed
2.	Dabwali	51	185675	37135	6	45	31.03.2023	Segregation Shed
3.	Ellenabad	48	121403	24281	12	36	31.03.2023	Segregation Shed
4.	Nathusari Chopta	53	199957	39991	8	45	31.03.2023	Segregation Shed
5.	Odhan	41	135685	27137	11	30	31.03.2023	Segregation Shed
6.	Rania	60	167821	33564	8	52	31.03.2023	Segregation Shed
7.	Sirsa	63	189245	37849	4	59	31.03.2023	Segregation Shed
	Total	363	1167607	233521	56	307		

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

(ii) Plastic waste Management

(a) Identification of gaps and Action plan

S. No.	Action points for village panchayats/blocks/municipalities/corporations	Identification of Gap	Action plan	Agencies Responsible	Target time for Compliance
1.	Door to Door collection of	No Gap,31 waste Collection auto Tippers arearranged With separate Compartments for Collection & Segregation of solid Waste from door to door.	Existing System Will be maintained and further improved.	MC Sirsa	Already achieved
	Dry waste including PW	No Gap,17 waste Collection auto Tippers arearranged With separate Compartments for Collection & Segregation of solid Waste from door to door.	Existing System Will be maintained and further improved.	MC Dabwali	Already achieved
		No Gap, 06waste Collection auto Tippers arearranged With separate Compartments for Collection & Segregation of solid Waste from door to door.	Existing System Will be maintained and further improved.	MC Ellenabad	Already Achieved
		No Gap,06 waste Collection auto Tippers arearranged With separate Compartments for Collection & Segregation of solid Waste from door to door.	Existing System Will be maintained and further improved.	MC Kalanwali	Already achieved
		No Gap,07 waste Collection auto Tippers arearranged With separate Compartments for Collection & Segregation of solid Waste from door to door.	Existing System Will be maintained and further improved.	MC Rania	Already achieved

2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	No Gap	Separated by Rag Pickers at Bakeriyawali plant managed by Contractor.	MC Sirsa	Achieved
		No Gap	Separated by Rag Pickers at Bakeriyawali plant managed by Contractor.	MC Mandi Dabwali	Achieved
		No Gap , As 1 Nos Material Recovery Facility were installed For Collection of Segregation dry waste.	Existing System will be maintained and further improved.	MC Ellenabad	Already achieved
		No Gap , As 1 Nos Material Recovery Facility were installed For Collection of Segregation dry waste.	Existing System will be maintained and further improved.	MC Kalanwali	Already achieved
		No Gap , As 1 Nos Material Recovery Facility were installed For Collection of Segregation dry waste.	Existing System will be maintained and further improved.	MC Rania	Already achieved
3.	PW collection Centers	No Gap	Existing System will be maintained and further improved.	MC Sirsa	Achieved
		No Gap	Existing System will be maintained and further improved.	MC Mandi Dabwali	Achieved
		No Gap, As 1 Nos of PW collection Centers for Collection of Segregation dry waste.	Existing System will be maintained and further improved.	MC Ellenabad	Already achieved
		No Gap, As 1 Nos of PW collection Centers for Collection of Segregation dry waste.	Existing System will be maintained and further improved.	MC Kalanwali	Already achieved
		No Gap, As 1 Nos of PW collection Centers for Collection of Segregation dry waste.	Existing System will be maintained and further improved.	MC Rania	Already achieved

4.	Awareness and education programs implementation	No Gap, MC Sirsa tries to use every event for IEC activities such as women international day Celebration, Independence Day.	Existing System will be maintained and further improved.	MC Sirsa	Already achieved
		No Gap, MC Sirsa tries to use every event for IEC activities such as women international day Celebration, Independence Day.	Existing System will be maintained and further improved.	MC Dabwali	Already achieved
		No Gap, As 9 IEC programs to avoid use of Plastic in routine life to minimize PW	Existing System will be maintained and further improved.	MC Ellenabad	Already achieved
		No Gap, As 3 IEC programs to avoid use of Plastic in routine life to minimize PW	Existing System will be maintained and further improved.	MC Kalanwali	Already achieved
		No Gap, As 8 IEC programs to avoid use of Plastic in routine life to minimize PW	Existing System will be maintained and further improved.	MC Rania	Already achieved
5.	Access to Plastic Waste Disposal Facilities	No Gap, As 31 waste collection auto tippers are arranged with separate compartment for solid waste collection from door to door along with other waste.	Existing System will be maintained and further improved.	MC Sirsa	Already achieved.
		No Gap, As 17 waste collection auto tippers are arranged with separate compartment for solid waste collection from door to door along with other waste	Existing System will be maintained and further improved.	MC Dabwali	Already achieved

		No Gap, As 06 waste collection auto tippers are arranged with separate compartment for solid waste collection from door to door along with other waste	Existing System will be maintained and further improved.	MC Ellenabad	Already achieved
		No Gap, As 01 Nos. material recovery facility were installed for collection of segregation of dry waste	Existing System will be maintained and further improved.	MC Kalanwali	Already achieved
		No Gap, As 01 Nos. material recovery facility were installed for collection of segregation of dry waste	Existing System will be maintained and further improved.	MC Rania	Already achieved

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

For Villages/Blocks:-

a. Current status related to Plastic waste management

	Rural Local bodies	Plastic Waste Generated per day
1	Block/Taluk/Mandal Tehsils-	7
2	Village/Gram Panchayats (Panchayats)	363

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.	Baragudha	47	167821	33564	7	40	31.03.2023
2.	Dabwali	52	185675	37135	4	48	31.03.2023
3.	Ellenabad	34	121403	24281	2	32	31.03.2023
4.	Nathusari Chopta	56	199957	39991	0	56	31.03.2023
5.	Odhan	38	135685	27137	0	38	31.03.2023
6.	Rania	47	167821	33564	4	43	31.03.2023
7.	Sirsa	53	189245	37849	5	48	31.03.2023
	Total	363	1167607	233521	56	307	

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.	Baragudha	47	167821	33564	7	40	31.03.2023	Segregation Shed
2.	Dabwali	52	185675	37135	4	48	31.03.2023	Segregation Shed
3.	Ellenabad	34	121403	24281	2	32	31.03.2023	Segregation Shed
4.	Nathusari Chopta	56	199957	39991	0	56	31.03.2023	Segregation Shed

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

5.	Odhan	38	135685	27137	0	38	31.03.2023	Segregation Shed
6.	Rania	47	167821	33564	4	43	31.03.2023	Segregation Shed
7.	Sirsa	53	189245	37849	5	48	31.03.2023	Segregation Shed
	Total	363	1167607	233521	56	307		

(iii) C&D Waste Management

a. Current status related to C&D waste management

Details of Data Requirement	Sirsa	Dabawali	Ellenabad	Kalanwali	Rania
	0.1666TPD or 5 tonne/month	0.1TPD or 3TP/Month	0.3333TPD or 1TP/Month	0.0333TPD or 1TP/Month	0.333TPD or 1Ton/month
Does the District has access to C&D waste recycling facility?	Site identified Auto Market Sirsa	Yes Uttam Nagar ward No.01 Mandi Dabwali	Site Identified Mamerian Road Ellenabad	Site identified Ward No.05	Site identified Near Nirankari Bhawan

b. Identification of gaps and Action plan

S.No.	Action points for blocks /town municipalities/City corporations	Identificatio n 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 identified for C&D waste deposition 2. Separate vehicles will be arranged for C&D waste collection & Transportation at deposition site	MC Sirsa	31.03.2023
		NoGap	1. Site identified for C&D waste deposition 2. Separate vehicles will be arranged for C&D waste collection & Transportation at deposition site	MC Dabwali	Achieved

		100% Gap	1. Site identified for C&D waste deposition 2. Separate vehicles will be arranged for C&D waste collection & Transportation at deposition site	MC Ellenabad	31.03.2023
		100%Gap	1. Site identified for C&D waste deposition 2. Separate vehicles will be arranged for C&D waste collection & Transportation at deposition site	MC Kalanwali	31.03.2023
		100%Gap	1. Site identified for C&D waste deposition 2. Separate vehicles will be arranged for C&D waste collection & Transportation at deposition site	MC Rania	31.03.2023
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.	Not applicable at this stage. NoBWG has been identified in city who generate more than 20 tons or more in one day or 300 tons per Month.	MC Sirsa	Already achieved
		NO Gap, As User fees of Rs.1000/- per Trolley has been fixed for Collection of C&D waste.	Not applicable at this stage. NoBWG has been identified in city who generate more than 20 tons or more in one day or 300 tons per Month.	MC Dabwali	Already achieved

		NO Gap, As User fees of Rs.1000/- per Trolley has been fixed for Collection of C&D waste.	Not applicable at this stage. NoBWG has been identified in city who generate more than 20 tons or more in one day or 300 tons per Month.	MC Ellenabad	Already achieved
		NO Gap, As User fees of Rs.1000/- per Trolley has been fixed for Collection of C&D waste.	Not applicable at this stage. NoBWG has been identified in city who generate more than 20 tons or more in one day or 300 tons per Month.	MC Kalanwali	Already achieved
		NO Gap, As User fees of Rs.1000/- per Trolley has been fixed for Collection of C&D waste.	Not applicable at this stage. NoBWG has been identified in city who generate more than 20 tons or more in one day or 300 tons per Month.	MC Rania	Already achieved

3.	C&D recycling Facility	100%,C&D waste recycling facility is not available	C&D waste recycling facility will be developed, Tender Process has been initiated. Monitoring committee has directed that C & D recycling facility to be provided by 31.03.2023.	MC Sirsa	31.03.2023
		100%,C&D waste recycling facility is not available	C&D waste recycling facility will be developed, Tender Process has been initiated. Monitoring committee has directed that C & D recycling facility to be provided by 31.03.2023.	MC Dabwali	31.03.2023
		100%,C&D waste recycling facility is not available	C&D waste recycling facility will be developed, Tender Process has been initiated. Monitoring committee has directed that C & D recycling facility to be provided by 31.03.2023.	MC Ellenabad	31.03.2023
		100%,C&D waste recycling facility is not available	C&D waste recycling facility will be developed, Tender Process has been initiated. Monitoring committee has directed that C & D recycling facility to be provided by 31.03.2023.	MC Kalanwali	31.03.2023
		100%,C&D waste recycling facility is not available	C&D waste recycling facility will be developed, Tender Process has been initiated. Monitoring committee has directed that C &	MC Rania	31.03.2023

			D recycling facility to be provided by 31.03.2023.		
4.	Usage of recycled C&D Waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	100% Gap	C&D waste facility is not available, Tender Process has been initiated. Monitoring committee has directed that the facility for usage of recycled C & D waste in non structural create, paving blocks, lower layers of road pavements colony and rural to be provided by 31.03.2023.	MC Sirsa	31.03.2023
		100%	C&D waste facility is not available, Tender Process has been initiated. Monitoring committee has directed that the facility for usage of recycled C & D waste in non structural create, paving blocks, lower layers of road pavements colony and rural to be provided by 31.03.2023.	MC Dabwali	31.03.2023
		100%Gap	C&D waste facility is not available, Tender Process has been initiated. Monitoring committee has directed that the facility for usage of recycled C & D waste in non structural create, paving blocks, lower layers of road pavements colony and rural	MC Ellenabad	31.03.2023

			to be provided by 31.03.2023.		
		100% Gap	C&D waste facility is not available, Tender Process has been initiated. Monitoring committee has directed that the facility for usage of recycled C & D waste in non structural create, paving blocks, lower layers of road pavements colony and rural to be provided by 31.03.2023.	MC Kalanwali	31.03.2023
		100% Gap	C&D waste facility is not available, Tender Process has been initiated. Monitoring committee has directed that the facility for usage of recycled C & D waste in non structural create, paving blocks, lower layers of road pavements colony and rural to be provided by 31.03.2023.	MC Rania	31.03.2023
5.	IEC on C&D waste management	IEC Is started by: 1. By Advertisement in Local News Papers 2. Meeting with Contractor.	IEC will be further strengthened by 1. By Advertisement in Local News Papers 2. Meeting with Contractor.	MC Sirsa	Ongoing activity

		IEC Is started by: 1. By Advertise ment in Local News Papers 2. Meeting with Contractor.	IEC is done 1. By Advertisement in Local News Papers 2. Meeting with Contractor. By Notice to Bulk waste generators	MC Dabwali	Ongoing activity
		No Gap.	IEC Is done by: 1. By Advertiseme nt in Local News Papers 2. Meeting with Contractor.	MC Ellenabad	Already achieved
		No Gap.	IEC Is done by: 1. By Advertis ement in Local News Papers 2. Meeting with Contract or.	MC Kalanwali	Already achieved
		No Gap	IEC Is done by: 1. By Advertiseme nt in Local News Papers 2. Meeting with Contractor.	MC Rania	Already achieved

(iv) Biomedical Waste Management

a. Current status related to BM waste management

In District Sirsa, total 328 nos. Health Care Facilities (HCF's) are operational including bedded and non bedded facilities. From these HCF's total approx.1.3 TPD Bio Medical Waste is being generated. There are some Veterinary hospitals/dispensaries available to cater out the health need of cattle in the District. In the Sirsa District 2 Common Bio Medical Waste Treatment Facilities (CBMWTF) is operational to cater out the need of safe transportation, treatment and disposal of biomedical waste generated in the District.

The bio medical waste generated in District Sirsa is transported, treated and disposed of through the Common facility M/s Surya waste Management service, Located at Sahuwala Road, village Chadiwal and Invision Enviro Services located at Village Phoolkan, District-Sirsa. These facilities have 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. Each common facility is having the updated and required machinery i.e. Incinerator of 100 Kg per hour capacity, Autoclave of 100 liter per batch and Shredder of 50Kg per hour capacity for disposal of said biomedical waste generated. These CBWTF 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 CBWTF is verified on quarterly basis by HSPCB team regularly. These CBWTF has 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 328 HCFs has trained their staffs, health care workers and others, involved in handling of biomedical waste at the time of induction and there after 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 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 health care facilities other than having terminal treatment in the form of STP of PHED/HSVP/ULBs have 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.

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

Inventory of BMW in the District	Quantity
No. of HCFs authorized by SPCBs/PCCs	328
No of Common Bio medical Waste Treatment and Disposal Facilities (CBWTFs)	2
Capacity of CBWTFs	Incinerator of 200 Kg per hour capacity, Autoclave of 200 liter per batch and Shredder of 100 Kg per hour capacity
No. of Deep burials for BMW if any	Nil
Quantity of biomedical waste generated per day	1.3TPD
Quantity of biomedical waste treated per day	1.3TPD

b. Identification of gaps and Action plan

S. No.	Action points	Gaps	Action Plan	Responsible agency	Timeline for completion of actionplan
1.	Inventory and Identification of Healthcare Facilities	Inventorization & Identification of HCF has already been done in District Sirsa with having total 328 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 224346 in the District.	Identification of:- <ul style="list-style-type: none"> • Number of bedded and non-bedded Government and Private Health Care Facilities in the Districts • Number of Blood Banks, Clinic all absin the Districts • Veterinary Institution & Animal Husbandry • List of Medical Institution Forensic Labs & RD labs, etc., & further this is an On going process 	<ul style="list-style-type: none"> • Health Department • HSPCB • Animal Husbandry and Dairy Deptt. 	<ul style="list-style-type: none"> • The Inventorization of HCFs already done and further it is an on going process/activity. • Authorization under Biomedical waste rules is being given to health care facilities only when the units are submitting annual report and have provided bar code facility, and also asked to get CTO from Board, when applicable.

	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 and Invision Enviro Services located at Village Phoolkan.	<ul style="list-style-type: none"> • Setting up of a new Common Bio Medical Waste Treatment Facility (CBWTF) consisting of Incinerator having residence time of 2 seconds, shredder with auto claving facility, sanitary landfills, ash pit in the district. • Phasing-out the use of chlorinated plastic bags. • To avoid deep burial and open littering of BMW. 	<ul style="list-style-type: none"> • HSPCB • Deptt. Of Environm ent & Climate Change, Govt. Of Haryana • Health Department • CBWTF 	At present the existing facility and Infrastructure are adequate enough with having optimum capacity to cater out the need for safe disposal of BMW Generated through out the district.
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DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

3.	Tracking of BMW	Bar coding system is implemented & adopted by HCFs partially i.e. by 295 No. of HCF out of total 328 existing and operational through out the district.	<ul style="list-style-type: none"> • Every HCF shall be forcing to adopt bar-coding system for the purpose of monitoring and tracking of BMW generated and its safe transportation and disposal to CBWTF. • Ensuring Bar Coding & Segregationat Source system adopted for Yellow, red, White and Blue containers with quantification of waste. • To verify the number of dedicated collection vehicles matching with the quantity of Bio Medical Waste quantity generation and Duration of travel. Monitoring committee has directed that bar coding system to be adopted by the remaining HCFs by 31.03.2023. 	<ul style="list-style-type: none"> • HSPCB • HCF • CBWTF 	100% HCFs will be covered under the ambit of bar-coding by 31.03.2023.
4	Awareness and education of health care staff	No gap, Regular training and awareness programs are being conducted for health care staff dealing with Bio-Medical Waste in association with Health Department in existing HCF's.	, Regular training and awareness programs are being conducted for health care staff dealing with Bio-Medical Waste in association with Health Department in existing HCF's.	<ul style="list-style-type: none"> • Health Department • HSPCB • Animal Husbandry and Dairy Deptt. 	The training to health care workers is aon-going process and health camps on monthly basis will be organized for training/sensitization and immunization will be carried out on Quarterly basis.

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

5.	Adequacy of funds	No Gap, adequate funds are available.	Adequate funds have been allocated to Government health care facilities for bio-medical waste management By State Govt.	<ul style="list-style-type: none"> • Health Department • Animal Husbandry and Dairy, Deptt. 	Already Achieved
6.	Compliance to Rules by HCFs and CBWTFs	<ul style="list-style-type: none"> • 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&CP) Act, 1974 and under Air (P&CP) Act,1981 as per the coverage of the HCF in consent management policy of HSPCB. • The service provider is using the dedicated collection vehicles equipped with GPS • All the HCFs except Veterinary hospitals/dispensaries have obtained authorization under BMW Rules. 	<ul style="list-style-type: none"> • The random monthly mandatory inspections of the HCFs as allotted centrally by the Head office of HSPCB are being carried out. • The quarterly inspection of the CBWTFs is being carried out regularly. • To verify the operation of GPS in each of the dedicated vehicles and functioning of the tracking system in the respective CBWTFs portal 	<ul style="list-style-type: none"> • Health Department • HSPCB 	<ul style="list-style-type: none"> • All 328 HCFs are having Valid Authorization under BMW Rules,2016.
7.	District Level Monitoring Committee	The State Level Advisory Committee has already been constituted in the State for implementation of BMW Rules,2016.	The District Level Monitoring Committee comprising Chief Medical Officer, RO,HSPCBHisar,E.E Public Health, E.E MC Sirsa,Representative of Indian Medical Association, Representative of common bio-medical waste treatment facility under the Chairmanship of Deputy Commissioner, Sirsa is working District Sirsa.	<ul style="list-style-type: none"> • Deputy Commissioner • Health Department • HSPCB • Animal Husbandry and Dairy Deptt. 	To Conduct meeting of the District Level Monitoring Committee in affixed interval.

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

8.	Waste water treatment	<ul style="list-style-type: none"> • Channelization and treatment of domestic effluent generating from HCF existing within MC area at terminal treatment facility installed by PHED/HSVP/ULBs or achievement of effluent discharge standards laid down Environment Protection Rules, 1986. • All the HCFs which are not connected with such common treatment facilities via. Public sewer need to install individual stand alone effluent treatment plant. 	<ul style="list-style-type: none"> • Pre-treatment of the laboratory waste, micro biological waste, blood samples and blood bags through disinfection or sterilization on-site in the manners prescribed by WHO or NACO. • All the bedded HCF which are generating waste bio medical effluent shall be forcing to install Pre-treatment/Neutralization facility and to obtain valid Public Sewer connection for Channelization and terminal treatment of domestic effluent generating from HCF. <p>Monitoring committee has directed that all the bedded HCFs which have no connectivity with sewerage system leading to terminal STPs, to install adequate ETP by 31.03.2023</p>	<ul style="list-style-type: none"> • HSPCB • PHED • HSVP • ULBs • HCF's 	<ul style="list-style-type: none"> • The PHED/HSVP/ULBs with in the Municipal Council area is treating the domestic effluent along with disinfected bio medical waste effluent generated from various HCFs in there terminal treatment facility installed. • All the HCFs which are not connected with such common treatment facilities via. Public sewer will install individual stand alone effluent treatment plant by 31.03.2023.
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(v) Hazardous Waste Management

a. Current status related to Hazardous waste management

There are 130 industries & 201 brick kilns large/medium/small scale industries existing in District Sirsa and out of which 34 no. of industries are generating hazardous waste and engaged in various manufacturing process or a recycler/utilize/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 34 no. of individual/stand alone effluent treatment plant installed by the various industrial units is the potential hazardous waste in the District. Further there is 0.5 T/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 are total 228 no. of authorized recyclers/utilizers existing and operating through out the State through which the recyclable/reprocessing hazardous waste and other waste generating from district Sirsa can be safely disposed of. Out of these 228, recyclers 1 is located in Sirsa District i.e. M/s Haryana Petro Oil, Industrial Area sirsa.

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 has 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 through out 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.

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

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"> All the 34 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 through out the State for transportation, treatment and disposal of hazardous and other waste generated. These industries are submitting record of Hazardous waste generated as perform 3 and are filing annual returns regularly as per Form 4 of HoWM Rules,2016withHSPCB. The random monthly mandatory inspections of the hazardous waste generating units as allotted centrally by the Head office of HSPCB need to be conducted. 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 CHWTSDF i.e. GEPIL. 	<ul style="list-style-type: none"> Identification of Number of units generating hazardous waste in the District Safe storage and handling of hazardous waste generated Channelization and safe transportation of hazardous waste to the disposal facility/recycler Inventory of Common Hazardous Waste Treatment and Disposal facility and authorized recycler Enforcing the industries for filing of annual returns as per Form 3& Form4 of HoWM Rules,2016. 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 underwater (P&CP) Act,1974 and under Air(P&CP) Act, 1981 as per the coverage of the industry in consent management policy of HSPCB. Execution of valid agreement with service provider for safe disposal of hazardous waste generated. Periodic Inspection of Units generating Hazardous waste. 	<ul style="list-style-type: none"> HSPCB DIC 	<ul style="list-style-type: none"> The Inventorization of hazardous waste generating units already done and the same is on going Process/activity The Inventorization is completed as it is continuous processo will be updated accordingly. The inventory of all waste/used oil generators will be completed with in 06 month i.e.31.03.2023. 34 number of units are having valid authorization under HWMRules,2016. The status of CTO to hazardous waste generating units requiring CTO is reviewed and covered under the ambit of Consent Management within 06 month and will be updated time to time. 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 06 month time. This office will ensure submission Of hazardous waste

					<p>generated as perform 3 and Submission of annual returns in Form 4 within 06 months time.</p> <p>Online Verification of manifest supplied by ICHWTSDf facility and authorized recycler within 06 month i.e. 31.03.2023.</p>
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DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

2.	Establishment of collection centers	No such dedicated collection center is available and required in the district as Haz. Waste is stored temporarily within the premises of unit generating itself in aseparate leach ate proof hazardous Waste storage room.	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.	<ul style="list-style-type: none"> • HSPCB • ICHWTSD F 	Already Achieved
3.	Training of workers involved in handling / recycling / disposal of HW	Training need to be conducted.	<p>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.</p> <p>Monitoring committee to be view that trainings w.r.t. safety of workers during handling recycling and disposal of hazardous waste to also be imparted in quarterly basis and also PPEs to be provided to the workers for time to time.</p>	<ul style="list-style-type: none"> • HSPCB • DIC 	Training programmers have been conducted on regular basis and the same is a regular process.
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 and further strengthened.	<ul style="list-style-type: none"> • HSPCB • ICHWTSD F 	Regular activity.
5.	Contaminated Sites	No Contaminated Site available within the district.	Existing System will be maintained.	<ul style="list-style-type: none"> • HSPCB 	It's a regular activity.

(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 house holds in the District is now channelized and started disposing of through authorized recycler/dismantler. The data regarding 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	0.5 tonne/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	80% Gap	<ul style="list-style-type: none"> Inventorization of bulk waste generators will be done with the help of local administration and MCs. 	<ul style="list-style-type: none"> HSPCB ULBs,Sirsa 	<ul style="list-style-type: none"> Inventorization of bulk waste generators shall be completed 31.03.2023. Channelization of E-waste to registered recycler/dismantle /refurbisher shall be completed by 31.03.2023.
2	E-Waste collection points	95% Gap, as out of 05 MCs the 01 no. MC i.e. MC, Sirsa has setup a Collection centre And there is a gap Of setting up of collection centers in 04MCs.	Installation of E-Waste collection points/centers in villages-Blocks/towns /cities will be done in Association with District administration, Producers their PROs or Recyclers. Installation of E-Waste collection points/centers in Remaining 04no. of MCs and	<ul style="list-style-type: none"> HSPCB ULBs,Sirsa BDPO/DDPO 	31.03.2023

		Also out of 07no. Of village blocks Available in District Sirsa, none has established such e-waste collection centre.	07 no. of village blocks will Be done by respective MCs And BDPO/DDPO Monitoring committee has directed that e waste collection points to be provided by 31.03.2023.		
3	Linkage among Stake holders to channelize E-Waste	100% Gap	District administration will collect information on collection centers established by Producers /PROs. Administration and also identify authorized E-Waste recyclers in the district or in State to channelize E-waste collected in District. The monitoring committee has directed that the linkage among stockholders to channelize E waste to be provide by 31.03.2023.	<ul style="list-style-type: none"> • ULBs,Sirsa • HSPCB 	<ul style="list-style-type: none"> • Linkage among Stake holders to channelize E-Waste shall be completed by 31.03.2023.
4	Regulation of Illegal E- Waste recycling /dismantling	No Gap, how ever regular vigilis being taken for such activities.	There is no such Illegal E-Waste recycling/ dismantling facilities existing in district Sirsa.	<ul style="list-style-type: none"> • HSPCB • ULBs,Sirsa 	<ul style="list-style-type: none"> • Regular checking/ inspection of field in association with stake holders.
5	Integration of informal sector	No mechanism exists for bringing in formal sector into main stream in collection and recycling of E-Waste	<ul style="list-style-type: none"> • Identification of group of informal sector viz. RagPickers, 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 And ULBs, Sirsa. Monitoring committee has directed that the integration of informal sector to be made by 31.03.2023.	<ul style="list-style-type: none"> • HSPCB • ULBs,Sirsa 	<ul style="list-style-type: none"> • Integration of informal sector shall be completed by 31.03.2023.
6	Awareness and Education	100% Gap	<ul style="list-style-type: none"> • District Administration will Conduct a special workshops and awareness campaigns through Producers/PROs • Dissemination of information about collection centres established in the District will be done through website. 	<ul style="list-style-type: none"> • HSPCB • ULBs,Sirsa • DIO,Sirsa 	<ul style="list-style-type: none"> • Awareness programmes are being and will also be done att he intervals of 06 Months period.

CHAPTER-3**AIR QUALITY MANAGEMENT****Air Quality Management**

The major pollutant of air pollution in district Sirsa is Suspended Particulate Matter. Particulate Matter is a complex mixture that may contain soot, smoke, nitrates, sulfates, dust and water. 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 PM 2.5 or fine particulate matter) pose the greatest problems because they bypass the body's natural defenses and can get deep into the lungs and potentially the blood stream. Particles in the PM_{2.5} 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:

- 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 heart-beat
- Non fatal heart attacks
- Premature death in people with heart or lung disease, including death from lung cancer

There are approximate 331 No. of industrial establishments in district Sirsa out of which 201 no. of Brick kiln unit are covered under the category of Red/Orange/Green as per categorization prescribed by Central Pollution Control Board. All the 201 no. of Brick Kiln are operating after conversion from (FCBTK) Fixed chimney bull's trench kiln to Zig-Zag technology. All the industries in Sirsa District are using only legal/approved fuels as per the HSPCB Order 4023-4076, dated 12.12.2018.

In prominent stubble burner villages manual air quality monitoring will be conducted in upcoming harvesting season. Further in these villages IEC activities will be enhanced to create awareness among the people about the adverse impact of stubble burning on Human Health, Environment and Soil fertility.

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

a. 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	Sirsa
No of air pollution industries	48
Prominent air polluting sources [Large Industry]/[Small Industry]/[Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln] / [Industrial Estate]/[Others](Multiple selection)	In the District there are 01 industrial estates:- I. HSIIDC, Sirsa

b. 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/ Multi cyclone/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 Sirsa 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: https://app.cpcbccr.com/AQI_India/	HSPCB	Already achieved
3.	Setting up of Continuous Ambient Air Quality Monitoring Station	Presently 01 no. CAAQMS has been installed at city Sirsa. Further as per the recommendation of NGT Monitoring Committee the possibilities for installation of additional CAAQMS will be explored	HSPCB	A proposal has been submitted to Head Office for installation of additional CAAQMS at Main bus stand Sirsa

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

		Based upon technical study of eligible agency.		
	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 confirming with the National Ambient Air Quality Standards. The other factors identified and need eradication and improvement areas under;-</p> <ol style="list-style-type: none"> 1. Stubble burning is one of the major factor and forth is the crop diversification is being adopted. Mera Pani Meri Virasat Scheme under Crop Diversification is a on going scheme of 2020-21 and 2021-22. 2. Awareness among Farmers for In-Situ & Ex-Situ management of stubble burning with use of CRM machinery. 3. Construction of Paved shoulders along the roads and improvement of existing quality of roads for dust containment. 4. Challaning of overloaded transport vehicles. 5. Ensuring the transport of construction material with proper covering. 6. Ensuring the PUC certificate with the vehicles and challaning for the same. 7. Find the way out for CNG station setup in the District. 8. Ensuring the nonplying of vehicles where in registration is expired and non renewable. 9. Exploring the possibility of supplying cleaner fuel to the air polluting industrial cluster. 10. Periodic Up-gradation of Air Pollution Control Devices (APCDs) installed in air polluting industries. 11. Affore station drives for industries /institutions /parks /industrial estates /road sides and river bank. 12. Awareness activity among the public. 13. Monitoring on vehicle fitness. 14. Periodic calibration test of 	HSPCB, DSP, Traffic DDA Agricultural, RTA ULBs	31.03.2023.

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

		<p>Vehicular emission monitoring instrument.</p> <p>Monitoring committee has directed that district level action plan for control of air pollution to be prepared by 31.03.2023.</p>		
5.	Hot spots 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"> 1. Restriction on open burning of municipal solid waste, Biomass, plastic, horticulture waste, garbage etc. 2. Curbing of stubble burning. 3. Curbing of forest fires. 	DFO, Sirsa DDA Agricultural, ULBs	Regular activity
6.	Awareness on Air Quality	<p>The real time data generated by 01 no. of CAAQMS installed in District Sirsa is transmitted to CPCB Central Server and hence the calculated AQI is available in Public Domain through CPCB Sameer App and HSPCB / CPCB Website.</p>	HSPCB	Already achieved.

CHAPTER-4

WATER QUALITY MANAGEMENT

There are total 2 no. of Drains are pertaining under this district.

Sr.No.	Name of Drain	Length(In ft)
1	Rori Ghaggar Drain	130750
2	Rania Link Drain	13000

Water Quality Management

a. Current Status related to Water Quality Management

Details of Data Requirement	Present Status
Rivers	Ghaggar River
Length of Coast line(if any)	Zero
Nalas/Drains/Creeks meeting Rivers	2 Nos. Drains falling in River Ghaggar
Lakes / Ponds	01 (Ottu Weir Lake) and 286 Ponds in villages
Total Quantity of sewage from towns and cities in District	57.5MLD
Quantity of industrial waste water reaching water bodies.	Nil
Percentage of untreated sewage	Zero
Details of borewells and number of Permissions given for extraction of ground water	Inventorization is in progress and will be completed by 31.03.2023
Ground water polluted areas if any	No such Area identified in Sirsa District
Polluted river stretches if any	NA

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	100% Gap, Identification And inventorization of Water bodies started. Further water quality of Such bodies will be Monitored on six monthly Basis by respective agencies. The monitoring committee has directed that the inventory of water bodies to be monitored as per time	District Hydrologist Irrigation department , Pond Authority , CEO Zila Parishad, ULBs	31.03.2023

		schedule prescribed by HSPCB and data quality of water bodies to be made available on the Public domain.		
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DISTRICT ENVIRONMENT MANAGEMENT PLAN,SIRSA

2.	Quality of water bodies in the district	DLSTF is monitoring the quality of the water bodies including river Ghaggar on monthly basis. The Ghaggar Action Plan is attached as Annexure-III. Monitoring committee has directed that the quality of water bodies in the district to be monitored as per the time schedule prescribed by HSPCB and the data of water bodies to be made available on the public domain.	DEMC, Sirsa	Regular activity.
3.	Hotspots of water contamination	The DEMC has been constituted in the District Sirsa 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, Sirsa	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 Sirsa has already been declared free from open defecation. Further Prevention of entering of solid waste into water bodies shall be ensured through out the District and presently there is no gap. Also idol immersion in water bodies is being regularly monitored and prohibited during various festive seasons throughout the year. Monitoring committee has directed that the department of Panchayati Raj shall provide necessary treatment facility to treat the wastewater of the village which is directly being discharged into River Ghaggar without any treatment by 31.03.2023. It was also	ULBs, Sirsa Irrigation Department, Sirsa HSPCB Police Deptt,	Regular activity.

		directed that Department of Irrigation to keep strong vigil along the water bodies so that no water contamination may occur in the water bodies.		
5.	Inventory of sources of water pollution	Sewage and waste water discharge points into water bodies already stand identified and under action for apping of such points.	ULBs, Sirsa Irrigation Department, Sirsa PHED, XEN, Panchayati Raj	Regular activity.
6.	Oil spill disaster management (for coastal districts)	Not applicable	NA	NA

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

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. Monitoring committee has directed that Deputy Commissioner Sirsa to be hold meeting with concerned partments within 15 days and prepare a proposal/scheme for rejuvenation of the groundwater based on the point as discussed above and the same to be started implementing by 31.03.2023.	Irrigation Deptt. ULBs, Sirsa PHED, HSVP Deptt, HSIIDC, XEN, Panchayati Raj PWD Deptt.	31.03.2023

9.	Complaint's 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
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DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

Domestic Sewage

The sewage management in the district is entrusted to Public Health Engineering Department As on date PHED has installed and is operating 8 no. STPs in District Sirsa having total installed capacity of 84.5MLD. 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	5
No of Class-I towns and above	Nil
No of Towns STPs installed	5
No of Towns needing STPs	Not
No of ULBs having partial under ground sewer agenet work	5
No of towns not having sewerage network	0
Total Quantity of Sewage generated in District from Class II cities and above	57.50MLD
Quantity of treated sewage flowing into Rivers(directly or indirectly)	4MLD(Ellenabad)
Quantity of untreated or partially treated sewage(directly or indirectly)	Nil
Quantity of sewage flowing into lakes	Nil
Total available Treatment Capacity	84.5MLD

Domestic Sewage Management	MC Sirsa	MC Dabwali	MC Rania	MC Kalawali	MC Ellenabad	HSVP Sirsa	Remarks
Total Population	228168	66091	25123	27619	45779	-	
No. of household	45239	13463	6093	5539	8513	-	
Sewage Generation (MLD)	34.30	13.20	3.25	2.50	4.25	-	
% of area covered with sewer line	267KM (95%)	122KM (90%)	63KM (95%)	45KM (85%)	73KM(98%)	-	
Gap , if any	5%	10%	5%	15%	2%	-	Un approve d area
If there a gap, then timelines to achieve the Gap	After approval of unapproved area by the Govt (31.12.2023).						
No. of House hold having sewerage connection	33346	8769	3407	4141	6896	-	
Gap , if any	4682	4694	2686	1398	1617	-	
If there a gap,then timelines to achieve the Gap	31.12.23	31.12.23	31.12.23	31.12.23	31.12.23		
No. of existing STPs	4	1	1	1	1	-	

DISTRICT ENVIRONMENT MANAGEMENT PLAN,SIRSA

Capacity of existing STPs(MLD)	45	16.50	6.00	9.50	7.50	-	
Gap ,if any	No Gap, adequate capacity	No Gap, adequate capacity	No Gap, adequate capacity	No Gap, adequate capacity	No Gap, adequate capacity	-	
If there a gap, then timelines to Achieve the gap	NA	NA	NA	NA	NA	NA	
Quantity of sewage reaching to the STP(MLD)	34.30	13.50	3.25	2.50	4.25	-	
Quantity of sewage being treated at STP(MLD)	34.30	13.50	3.25	2.50	4.25	-	
Quantity of sewage not reaching to the STP(MLD) and reason	-	-	-	-	-	-	
Proposal for diversion of sewage to the STP	-	-	-	-	-	-	
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	-	2 STPs (5 MLD + 5 MLD at Nattar) at Sirsa town are MBBR based and will be upgrade by 31.12.20 23
• 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	-	
• Faecal 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	-	
Proposal for utilization of treated waste water being utilized (MLD)	34.30	13.50	3.25	2.50	4.25	-	
Quantity of treated waste water being utilized (MLD)	34.30	13.50	3.25	2.50	4.25	-	
Please also mention where the treated waste water is being utilized	Irrigation purpose	Irrigation purpose	Irrigation purpose	Irrigation purpose	After treatment discharge into River Ghaggar	-	
Gap , if any	Nil	Nil	Nil	Nil	Nil	-	
If there a gap, then timelines to achieve the Gap	NA	NA	NA	NA	NA	-	

Re use details of treated domestic sewage:

Location of STP	Capacity (MLD)	Sewage Generation (MLD)	Details of Utilization of treated water
15 MLD STP, Shamshabad Patti Kelania Road, Sirsa	15.00	13.40	13.40 (by the farmers)
20 MLD STP at Kelnia Sirsa by PHED	20.00	13.50	13.50 (by the farmers)
5 MLD STP, Vill. Nattar 1, Sirsa	5.00	3.90	3.90 (by the farmers)
5 MLD STP, Vill. Nattar 2, Sirsa	5.00	3.50	3.50 (by the farmers)
7.5MLD STP Ellenabad Sirsa	7.50	4.25	4.25 (Post treatment discharged into River Ghaggar)
6.0MLD STP Rania Sirsa	6.00	3.25	3.25 (by the farmers)
9.5 MLD STP Kalanwali	9.50	2.50	2.50 (by the farmers)
16.50 MLD STP Chautala Road, Mandi Dabwali	16.50	13.20	13.20 (by the farmers)

*Area under irrigation by STP Treated Water is 1520 acres approx

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 nplan
1.	Sewage Treatment Plants(STPs)	No gap (84.5MLD Capacity available in Distt. Sirsa)	PHED No.1/2, Sirsa & Mandi Dabwali	NA
2.	Underground sewer agenet work	Nil	PHED No.1/2, Sirsa & Mandi Dabwali	Already achieved.

II) Rural/Villages/Block

Sr No.	Name of Block	Total no. Of villag es in the block	Total Populatio n of the Block	Total no. of House holds in the Block	Liquid Waste Gener ation (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 completio n where 100% not achieved	
1	Baragudha	47	167821	33564	10	40	47	30.06.2022	Constructed Wet land/ Sinchewala
2	Dabwali	51	185675	37135	12	45	51	31.03.2023	Constructed Wet land/ Sinchewala

3	Ellenabad	48	121403	24281	8	36	48	31.03.2023	Constructed Wet land/ Sinchewala
4	Nathusari Chopta	53	199957	39991	14	45	52	31.03.2023	Constructed Wet land/ Sinchewala
5	Odhan	41	135685	27137	8	30	41	31.03.2023	Constructed Wet land/ Sinchewala
6	Rania	60	167821	33564	10	52	60	31.03.2023	Constructed Wet land/ Sinchewala
7	Sirsa	63	189245	37849	12	59	63	31.03.2023	Constructed Wet land/ Sinchewala
	Total	363	1167607	233521	56	307	363		

CHAPTER-5

INDUSTRIAL WASTE WATER MANAGEMENT

In the District there are total 34 water polluting 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 0.09 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 Waste water Management

24	Industrial Waste Water Management	
24.1	No. of industries	34
24.2	Industrial Waste Water generation (MLD)	0.09
24.3	No. of Industries having ETPs	34
24.4	Gap , if any	No Gap, all industries having ETP
24.5	If therea Gap, then timelines to achieve the Gap	NA
24.6	No. of ETPs have Online Monitoring Devices	2
24.7	Gap, if any	No Gap, Already achieved
24.8	If there is a Gap, then timelines to achieve the Gap	NA
24.9	No. of ETPs having Online Monitoring Devices connected with server of HSPCB	2
24.10	Gap ,if any	No Gap, Already achieved
24.11	If there is a Gap, then timelines to achieve the Gap	NA
24.12	No. of Existing CETPs	No CETPs in Sirsa District
24.13	Capacity of existing CETPs (MLD)	NA
24.14	Gap, if any	NA
24.15	If there is 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, SIRSA

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 Sirsa District, So not applicable
	• 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
24.23	If therea Gap, then timelines to achieve the Gap	NA

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

S.No.	Action points	Gaps and Action Plan	Responsible agency	Timeline For completion of Action plan
1.	Compliance to discharge norms by Industries	Since 01.04.2022, no industry found exceeding the parameter prescribed limit.	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

Details of Data Requirement	Existing Mining operations
Type of Mining Activity	No Mining Activity in Sirsa 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:

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of Action plan
1.	Monitoring of Mining activity	Not required as there is no Mining Activity in Sirsa District	NA	NA
2.	Inventory of illegal mining if any mining	No legal as well as illegal mining in Sirsa District	NA	NA
3.	Environment compliance by Mining industry	Not applicable as there is no Mining Activity in Sirsa District	NA	NA

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

CHAPTER-7

NOISE POLLUTION MANAGEMENT PLAN

The district Sirsa 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 hotel and banquet halls in the town which are organizing regular marriage ceremonies/parties/other functions, which are one of the major sources 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 timelines 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:

The Government of Haryana, Environment Department vide notification dated 05.09.2003 has designated 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:-

Sr.No.	Name of Competent Authority	Activity/Source of Pollution
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 Sirsa district area is categorized into industrial, commercial, residential or silence areas/zones for the purpose of implementation of noise standards for different areas. The Sirsa 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, SIRSA

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. Monitoring committee has directed that HSPCB to be procure at least 02 noise level meter and department of police to be procure 0 noise level meters by 31.12.2022.	DSP Traffic, SDM, HSPCB	31.03.2023
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	Under consideration at Head Office of HSPCB level
3.	Sign boards in Noise zones	MCs, PWD, NHAI should install the proper signages to ear marked the silence zone, no horn zone and noise limits in the city. Monitoring committee has directed that adequate number of sign boards to be provided at appropriate places/zones by 31.03.2023.	ULBs PWD, NHAI,	31.03.2023

4.	Complaint redressing system	CM Grievances Redressal and Monitoring System, Haryana is available for lodging any public complaint. Moreover 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.

Management of Waste water Solid waste by the unauthorized colonies/residential complex/commercial complex developed by Private Colonizers:

Monitoring committee has directed that all the MCs shall get install individual STPs along the sewerage system for treatment of waste water discharged by the unauthorized colonies located within MC limits. For the management of solid waste generated by these unauthorized colonies, MC shall make agreement with these unauthorized colonies for management of solid waste with suitable user charges to be paid by unauthorized colonies. Similarly, Development authority of the State shall pursue the unauthorized colonies/commercial complex existing outside MC areas to install individual STPs and sewerage system for treatment of wastewater and for management of Solid waste, the necessary agreement shall be got made with the concerned MCs for scientific disposal of solid waste with suitable user charges to be paid to concerned MCs.

Management of Waste water Solid waste by the unauthorized colonies/residential complex /commercial complex developed by Private Colonizers:

- **Door to door collection:** The monitoring committee noted the submission made by Dept. of Panchyat and directed that 100% door to door collection of solid waste in the remaining 307 villages to be achieved by 31.03.2023.
- **Source segregation of Solid Waste:** The monitoring committee noted that submission made by Dept. of Panchyat and directed that 100% source segregation of solid waste in the remaining 307 villages to be achieved by 31.03.2023.
- **Treated of Wet waste:** Monitoring committed has directed that 100% treatment of Wet waste by constructing adequate number of compost pits in the remaining 307 villages to be achieved by 31.12.2022.
- **Treated of dry waste:** Monitoring committee has directed that 100% treatment of dry waste by constructing adequate number of material recovery facilities in the remaining 307 villages to be achieved by 31.12.2022.
- **Treatment if liquid waste:** Monitoring committee has directed that 100% treatment of liquid waste by providing treatment facilities in the remaining 307 to be achieved by 31.12.2022.

CHAPTER-8

GOOD PRACTICES

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

1. Installed one number Continuous Ambient Air Quality Monitoring Station at Sirsa City for real time monitoring of Ambient Air Quality as per National Ambient Air Quality Standards. The AQI of Sirsa District is observed as Good to Moderate range in last three month.
2. All 328 Health care facilities including government, private hospital , clinic, diagnostic centre, veterinary hospital, occupation health centre, ESI centre etc. have obtained the Biomedical authorization as per Biomedical Waste Rules, 2016. Out of these 328 units more than 295 units have also implemented the Bar Coding System and remaining will complete the Bar Coding System by 31.03.2023.
3. The Sirsa district has Two common biomedical treatment facility i.e. M/s Surya waste Management service, Located at Sahuwala Road, village Chadiwal and Invision Enviro Services located at Village Phoolkan, are disposing biomedical waste of all healthcare facilities from Sirsa district in scientific manner with environmentally sound facility as per CPCB guidelines.
4. All the 30 industrial units engaged in Hazardous waste generation have 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. Total 08 Common Sewage Treatment Plants treating more than 80 MLD sewage. Further the treated sewage is 100% utilized for irrigation purpose.
6. Two number of industrial units have willingly adopted Zero Liquid Discharge (ZLD) provision and is utilizing 100% treated effluent for plantation, gardening and manufacturing process etc.
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) alongwith HSPCB regional Office and District Administration.
10. For the environmentally sound management of domestic solid waste; 100 percent door to door collection is achieved by all Urban Local Bodies of Sirsa District.
11. 2 numbers of Material Recovery Facilities are established and operated by Municipal Council Sirsa 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 Sirsa District administration.
13. Mechanized Road sweeping machines are regularly used to reduce the air pollution by Municipal Council Sirsa.
14. The Sirsa District is an open defecation free district (ODF) with the construction of Toilets in each house.

DISTRICT ENVIRONMENT MANAGEMENT PLAN, SIRSA

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, Sirsa.
17. For the environmentally sound recycling and reprocessing of Hazardous Waste i.e. Used Oil; One recycling units are authorized by HSPCB, Regional office Hisar. These units are utilizing environmentally sound technologies and possesses adequate technical capabilities, requisite facilities and equipment to recycle/ reprocess hazardous waste.
18. All the Household in authorized colonies of Sirsa 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. A major emphasis 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.
20. All the 201 no. of Brick Kiln are operating after conversion from (FCBTK) Fixed chimney bull' trench kiln to Zig-Zag technology.
21. All the industries in Sirsa District are using only legal/approved fuels as per the HSPCB Order 4023-4076, dated 12.12.2018.
22. As per Information recied from PHED Sirsa, complete sewage post treatment is utilized for irrigation which lead to increase crop yields.

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. 2059/2014)

(With report dated 22.03.2019)

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. WAGDI, 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 Hon'ble 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 Sujananga river, conservation and restoration of Fort and repair of Moutwall, 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.

98. 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, *Shalish Singh vs. Shooly 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 sub-sections 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 website 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. 688/2018.

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 State 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 compliance matter in O.A. No. 606/2018.

Adarsh Kumar Goyal, CJ

S.P. Wadhwa, JM

K. Ramakrishnan, JM

Dr. Nagin Nanda, EM

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

6

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 has ordered for preparation of District Environment Plan. The Hon'ble N.G.T 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 & C 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 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 District Sirsa has been prepared by the District Monitoring Committee and after approval from District Planning Committee, Sirsa 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 D.E.P requires coordinated efforts of multiple stake holders 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 of 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 Annexure-A.


Deputy Commissioner,
Sirsa

Endst.No. 11-277 / 175267 /LFA

Dated: 13-10-2021

A copy is forwarded to all concerned for information and necessary action, please.


Deputy Commissioner,
Sirsa.

Point wise Action Taken Report of Action Plan for River Ghaggar for March, 2022 by DLSTF ,Sirsa.

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.	Initially 07 points of effluent discharge into River Ghaggar were identified by DLSTF, Sirsa, out of which 03 points relates to Public Health Deptt. Sirsa, 01 point relates to District Development Panchayat Officer, Sirsa and 03 points relates to Irrigation Deptt. Sirsa, During the latest inspections by DLSTF on 07.03.2022, one new point of discharge i.e. discharge of Village Amritsar Kalan was found again leading to River Ghaggar by the DLSTF, Sirsa & it has observed that 02 points out of 8 previously identified points as per details given below needs to be dropped for future monitoring as these points are distributaries of River Ghaggar instead of tributaries:- 1. Confluence of Southern Ghaggar Canal, Sheranwali Parallel Ghaggar Canal and Hisar Ghaggar Drain.: The effluent discharge form Hisar Ghaggar drain into water of Southern Ghaggar Canal Sheranwali Parallel Ghaggar Canal is not going into River Ghaggar anddoes not influence the water quality of River Ghaggar. Therefore, no need of sample collection from this point in future. 2. Rania Drain Discharge of PHED STP, 6MLD, Rania, Sirsa: The effluent discharge from Rania 6MLD, PHED STP, in Northern Ghaggar Canal is not going into River Ghaggar and does not in fluence water quality of River Ghaggar. Therefore, no need of sample collection from this point in future. Now, these are only 06 pollutant discharge excepted points in district Sirsa into River Ghaggar.
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.	All the remaining 06 points as already identified by DLSTF Sirsa has been visited on 07.03.2022 and the details are attached as Annexure-A-1 .
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, Sirsa upto February, 2022.
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, Sirsa upto February, 2022 to the DLSTF.
5	The District Level STF shall involve Civil Society Organizations and public participations in preparing the Action plan in all possible areas.	DLSTF Sirsa has involved Gram Panchayat Mallewala in stopping the discharge of domestic effluent of village Mallewala into River Ghaggar and diverted same into local pond of the village, during the visit on 05.02.2022 it was also found that domestic effluent of Vill.- Mallewala not discharging into River Ghaggar. However, the XEN Panchayati Raj has submitted vide email dated 04.04.2022 that 88% work of SLWM project of treatment of domestic effluent of village Mallewala was completed and remaining work will be completed shortly.
6	District Level STF shall ensure periodic sampling of river as well as ground water to check the water quality.	DLSTF Sirsa has inspected the point of discharge before mixing discharge of 7.5 MLD STP, Ellenabad, discharge of 7.5 MLD STP, after discharge of 7.5 MLD Ellenabad & Amritsar Kalan during inspection found discharging into River Ghaggar & sample collected report in this regard attachedas Annexure-2 and 23 No. ground water samples collected (from River Ghaggar catchment area (about 500 meter periphery of river) in March, 2022(on quarterly basis) & got analyzed in March, 2022 report in this regard attached as Annexure-A-3 . 23 Nos. ofground water sample collected, out of which 13 samples failed and are not meeting the drinking water standards and Sign Board with the statutory warning- “Water is not fit for drinking” installed where parameters are exceeding the prescribed limit.

Point wise Action Taken Report of Action Plan for River Ghaggar for March, 2022 by DLSTF, Sirsa

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 (Suo moto case)	-
1.3	Objective of the action plan	DLSTF has to identify the points of source polluting the river Ghaggar in District Sirsa and also check to the water quality near the area of River Ghaggar. The DLSTF again visited all the above said 06 points of source of pollution on 07.03.2022 to find out any new source of discharge of untreated effluent going into River Ghaggar.
2	The River Ghaggar	District Sirsa is situated near the catchment of River Ghaggar.
2.1	Main Sources of pollution in river Ghaggar In Sirsa.	Details in this regard are Attached as Annexure-A-1 .
2.2	Major drains of River Ghaggar in Sirsa	Attached as Annexure-A-1 .
2.3	Measurement of Flowrate in the drains Joining River Ghaggar	Flow for the month of March, 2022 is attached as Annexure-A-4 .

3	Estimation of sewage in town in catchment of River Ghaggar.	Sr. No.	Name of the town	Population as on	Quantum of sewage generated or proposed to be generated from the town	Capacity of functional STP discharging /proposed to discharge treated effluent to Ghaghar	Quantum of treated effluent, complying the prescribed standards being discharged/ proposed to discharge to Ghaghar	Quantum of Untreated effluent being discharged / Proposed to discharge to Ghaghar	Total Estimated sewage generation in towns of district Sirsa is approx. 34.03 MLD.
				2021	2021	2021	2021	2021	
		1	Sirsa	264611	24.27	45.00	24.27	0	
		2	Ellenabad	53091	5.79	7.50	5.79	0	
		3	Rania	36420	3.97	6.00	3.97	0	
4.1	Industrial Effluent Management								Noi industrial effluent is being discharged in river Ghaggar from District Sirsa.

4.2	Region/Sector Wise number of industries	There is no unit discharging effluent near the catchment of River Ghaggar under the jurisdiction of District Sirsa.
4.3	Geo Mapping of industries	Not applicable as there is no unit established near the catchment of River Ghaggar under the jurisdiction of District Sirsa.
5.1	Regular monitoring of Industries by STF and action against violators	02 Nos. of industry and 03 Nos. of HCF has been inspected during the Month of March, 2022. However, no industrial discharge into River Ghaggar & information in this regard may be treated as Nil.
5.2	Closure action Against illegal industries	Nil, as no illegal unit found during the Month of March, 2022 in District Sirsa
6	Dredging & de-silting of drains in the cities.	As per report submitted by MC, Sirsa, there is no open drain in M.C. Sirsa. Almost all the households are connected to sewage system. There is only RamNagar village locality where the waste water is collected in village pond and used for Irrigation purpose after oxidation.
7	Interception of sewage in un- sewered area Of unapproved colonies.	Not applicable as no action is required for district Sirsa as per action plan submitted.
8	Plan for laying of sewerage in approved colonies along River Ghaggar	As per PHED, Sirsa report of laying of sewerage in approved colonies along river Ghaggar for March, 2022 received through email dt. 04.04.2022 that they have completed the 88% work of laying of sewerage in approved colonies along river Ghaggar.
10	Action Plan for STPs	Details are as under from 10.1 to 10.5:-
10.1	Action plan for existing STPs	Details regarding up gradation of MBBR based technology STPs by installation of tertiary treatment Attached as Annexure-A-5 .
10.2	Action plan for under construction STPs (2018-19)	The 20 MLDSTP, Kalenia Road, Sirsa work of construction has already completed and now operational after obtained CTO from the Board and same is complying as per latest Analysis Report .
10.2.1	Action plan for under construction STPs (2019-20)	1 No. STP 7.5 MLD by HSVP is under construction at village Vaidwala, Sirsa. Now, work of this STP has already completed. ➤ Permission for discharge of treated effluent into drain from irrigation department is in progress.

10.3	Action plan for proposed STP's	<p>7.5 MLD STP (SBR Technology) construction work completed at village Vaidwala, Sirsa.</p> <p>Date of Allotment: 16.12.2019</p> <p>Likely Date of Completion : 31.03.2022.</p> <p>Overall work completed except testing. Work of independent feeder/electric connection is in progress on the level of DHBVN and likely to be completed upto 15.01.2022 for running of STP.</p> <p>Status of Work:</p> <ul style="list-style-type: none"> a) Boundary wall: Completed b) Staff quarter: Completed. c) Sludge Sump: Completed. d) SBR : Completed. e) STP chlorination contact tank: Completed. f) TTP chlorination contact tank : Completed g) Blower Room: Completed. h) Admin Building: Completed.
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		<p>i) HT Panel Room: Completed.</p> <p>j) Main Pumping Station: Structure completed.</p> <p>k) Centrifuge Building:- Structure completed</p> <p>l) Sludge-cum-Blower Room:- Structure completed.</p> <p>m) Filter TTP:-Filter under RCC Bed Completed and 2/3 RCC wall completed.</p> <p>n) Machinery :- Gen Set, Decanter, Blower's, PLC Panel, Centrifuge, Mechanical screen , Diffuser, Raw Water Pump, Transformer, SV/SG supplied at STP Site.</p> <p>o) Installation of pumping machinery completed.</p> <p>➤ Permission for discharge of treated effluent into drain from irrigation department is in progress.</p>
10.4	Monitoring of STPs / Compliance status	Sample of all 08 Nos. STPs have been collected out of which 04 Nos. of STP i.e. 5 MLD STP ,Vill.Nattar 1, Sirsa, 5 MLD STP , Vill. Nattar-2, Sirsa, 9.5 MLD STP, Daddu Road, Kalanwali , Sirsa & 20MLD STP Kelnia, Distt. Sirsa 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 Annexure-A-6 .
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 Annexure-A-7 .
11	Action plan for CETPs	Not applicable as no CETP installed in jurisdiction of Hisar Region (Sirsa District).
12	Monitoring of CETPs	Not applicable as no CETP installed in jurisdiction of Hisar Region (Sirsa District).
13	Online Monitoring Devices by the STP In Ghaggar Catchment.	All the 8 STPs of district Sirsa have installed online real time monitoring analyzer and connected with CPCB and HSPCB server. Details information attached as Annexure-A-5 .
13.1	Online Monitoring Devices by the industries in Ghaggar Catchment.	Not applicable as no unit is discharging its effluent directly or indirectly into River Ghaggar.
14	Plan for Integrated Solid Waste Management (ISWM) of 7 Clusters (Falling in Ghaggar catchment Area)	As per the report submitted by MC, Sirsa vide letter No. 48 dated 04.04.2022:- The Solid Waste Management plant at village Bakrianwali is operational since the year 2006. Solid Waste Management activity is operational near Rambagh in Mandi Dabwali since year 2008. Solid Waste Management activity at Balasar Road Near Nirankari Bhawan is operational since 2016 in Rania. Solid Waste Management Plant at Dadu Road is operational since 2005 in Kalanwali. Solid Waste Management activity at Mamera Road outer bypass near STP is operational since the year 2020 in Ellenabad.The proposal for enhancing the existing capacity of 50 TPD to 250 TPD is under consideration at ULB level. M/s Earnest & young has been engaged by ULB for preparation of DPR etc. As soon as DPR etc are approved further necessary action will be taken as per the directions from DULB.
14.1	ISWM plan for 2019	As per report submitted by Executive Officer, MC Sirsa vide letter No. 48 dated 04.04.2022:- Tender document have been prepared. ToR application to be submitted for approval and it is in process on Director level.

14.2	ISWM plan for 2020	As per report submitted by Executive Officer, MC Sirsa vide letter No. 48 dated 04.04.2022:- It is planned that in year 2020 the project construction activities will start i.e boundary wall, foundation sanitary, Leachate Treatment Plant, Compost Pad, Waste Compost, Plant building, RDF plant etc. (With Subject to EC). As soon as DPR etc are approved further necessary action will be taken.
14.3	ISWM plan for 2021	As per report submitted by Executive Officer, MC Sirsa vide letter No. 48 dated 04.04.2022:- It is planned that in year 2022 the 100% completion of installation of plant equipments as per approval from DULB, Panchkula.
15	Plan for e-waste management by HSPCB/ ULBD	<ol style="list-style-type: none"> 1. Holistic inspection of E waste recycler by 31.12.2021: No recycler has established in the District Sirsa. 2. Inventory of Bulk waste by 31.12.2021: Necessary instructions have been issued to the bulk generators of e-waste in this regard. Notices have been issued to Chaudhary Devi Lal University, Shah Satnam Ji Institute of Technology & Management, Rajendra Institute Of Technology And Sciences, Shree Jagdambe Paper Mills Ltd. To dispose of E-waste generated only through HSPCB authorized dismantler/recycler of necessary compliance E-waste. 3. Study by experts of the E-waste by 31.12.2021: NA MC Sirsa will also identify E-waste Generator and notified them.
16	Plan for plastic waste management by HSPCB/ ULBD	As per report submitted by Executive Officer, MC Sirsa vide letter No. 48 dated 04.04.2022:- Challans against 01 Nos. of violator have been imposed in February, 2022.

17	Plan for Bio-Medical waste Management	<p>All the 302 Health care facilities of Distt.- Sirsa are disposing their BMW through Board authorized Agencies. This office has enforced the BMW Rules,2016 in Distt. Sirsa. There are 02 No. of CBWTFs established for ensuring the safe & proper disposal of BMW waste in Distt. Sirsa. HSPCB, Hisar Region has proposed Environmental Compensation of Rs. 2,50,000/- each for non-compliance of BMW Rules as per policy order dated 29.04.2019 of the board on both CBWTF's located at Sirsa. As per H.O orders Environment Compensation of Rs. 2,50,000/- collected from each CBWTF M/s Invision Enviro Services, Vill.-Phulkan, Sirsa and Surya Waste Management Pvt. Ltd. Sahuwala Road, Sirsa.</p> <p style="text-align: center;">1.Quarterly inspections of CBWTF:</p> <table border="1" data-bbox="537 485 1580 695"> <thead> <tr> <th data-bbox="537 485 889 575">Name and Address of the CBMWTF</th> <th data-bbox="889 485 1105 575">Date of inspection of CBMWTF</th> <th data-bbox="1105 485 1580 575">Status of compliance of BMW Rules 2016</th> </tr> </thead> <tbody> <tr> <td data-bbox="537 575 889 636">M/s Invision Enviro Services, Vill.- Phulkan, Sirsa</td> <td data-bbox="889 575 1105 636">30.03.2022</td> <td data-bbox="1105 575 1580 636">Complying</td> </tr> <tr> <td data-bbox="537 636 889 695">M/s Surya Waste Management Pvt. Ltd. Sahuwala Road, Sirsa.</td> <td data-bbox="889 636 1105 695">30.03.2022</td> <td data-bbox="1105 636 1580 695">Complying</td> </tr> </tbody> </table> <p>2. Inspection of Health care Facility : 03 Nos. of HCFs have been inspected.</p> <p>3. Bar code system : 195 Nos. of HCFs have adopted the bar code system out of 302 HCFs.</p> <p>4. Gap analysis study of CBWTF: Gap analysis study of CBWTF conducted by team of PGI Chandigarh and Punjab University, Chandigarh.</p> <p>5. Up-gradation of incinerator : Incinerator has been upgraded by CBWTF.</p> <p>6. Veterinary Hospital to be covered: Veterinary hospitals has started obtaining the mandatory authorization from the Board under BMW Rules,2016 in District Sirsa.</p> <p>7. GPS on vehicle of CBWTF: GPS have been installed by the CBWTF and same has been verified during inspection of CBWTF.</p>	Name and Address of the CBMWTF	Date of inspection of CBMWTF	Status of compliance of BMW Rules 2016	M/s Invision Enviro Services, Vill.- Phulkan, Sirsa	30.03.2022	Complying	M/s Surya Waste Management Pvt. Ltd. Sahuwala Road, Sirsa.	30.03.2022	Complying
Name and Address of the CBMWTF	Date of inspection of CBMWTF	Status of compliance of BMW Rules 2016									
M/s Invision Enviro Services, Vill.- Phulkan, Sirsa	30.03.2022	Complying									
M/s Surya Waste Management Pvt. Ltd. Sahuwala Road, Sirsa.	30.03.2022	Complying									
18	Plan for Hazardous waste management in Haryana	<p>There is no TSDF and 01 Nos oil Recycler exists in District Sirsa. This office has enforced the HOWM, Rules, 2016 in Distt. Sirsa. All the 21 units generating HW are disposing through Board's authorized agencies and complying under HOWM Rules in District Sirsa.</p> <p>1.Awarness program are conducted regularly for compliance of HWM, Rules, 2016.</p> <p>2. No, CTSDFS in District Sirsa.</p> <p>3. 01 No used oil/waste oil recycling facility unit in District Sirsa.</p> <p>4. Online tracking of hazardous waste has started in District Sirsa 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>									

19	Agriculture Practices	As per intimation received from DDA, Agriculture Department, Sirsa vide there letter dated 05.04.2022:- During the month of March in district Sirsa village level awareness camps were organized in each village for adoption of good Agriculture Practices, 418 Jal Shakti Abhiyan Camp were organized in which 5660 farmers educated in these camps regarding saving water and 79 village level camps were also organized to make farmers aware about maintenance of farm implements i.e. combine harvester with SMS, Rotavator, Super seeder, baler etc. 10 Block level camps and 210 village level camps were also organized to make farmers aware about ill effects of paddy residue burning, incentive @500 to Gaushala for storing Paddy straw, incentive @1000 to Farmers for not burning Paddy straw and making bales and making bales, departmental schemes and management of insect pest of crops. The farmers have been motivated to adopt habit to save water and good agriculture practices like judicious use of fertilizers on soil test basis, judicious use of pesticides by adopting IPM practices, best cultural practices to conserve soil moisture, adoption of high yielding varieties of Kharif Crops. During the field visits farmer were also motivated regarding integrated management of pest and Disease. Camps has been organized to aware the farmers regarding 'Meri fasal mera byora, Mera Pani Meri Virasat Scheme (CDP) & Jal Shakti Abhiyan. Geeta Jyanti Mahotsav celebrated and web cast on natural farming was organized by GOI.
19.1	Crop Diversification/ inter Cropping	As per intimation received from DDA, Agriculture Department, Sirsa vide there letter dated 05.04.2022:- 24 quintal of Moong Seed and 2600 quintal of Dhaincha Seed has been distributed among farmers at 80% subsidy on Dhaincha, for crop diversification and improving soil fertility during the year 2021. Mustard Mini kits were distributed free of cost to farmers.
19.2	Water Efficient Agriculture Practices	As per intimation received from DDA, Agriculture Department, Sirsa vide there letter dated 05.04.2022:- During the field visits and meeting during the month of March farmers have been made aware and motivated on the efficient use of irrigation water by adopting Drip Irrigation Sprinkler System/ Underground Pipeline, Leveling of fields by Lazer land levelers before sowing and other cultural practices to conserve soil moisture and discouraging flood irrigation.
20	Increasing the water storage capacity	As per report submitted by Panchayati Raj, Sirsa information received through email on 04.04.2022:- Out of 45 Nos. of village ponds of district Sirsa work of excavation has already been completed in 32 Nos. of ponds, work of excavation is not feasible for 13 Nos. ponds.
21	Greenery Development Plan	As per intimation received from DFO, Sirsa vide letter No. 4064-4067 dated 22.03.2022:- Forest Department has already planted 70860 plants on River Bank in year 2021-22 in district Sirsa Division and proposed plantation of approx. 199450 plants in year 2021-22.

22	Ground water Management	<p>This office collected and got analyzed 23 Ground water samples (from river Ghaggar catchment area (about 500 meter periphery of river) in March, 2022, out of which 13 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 has found in reverse pumping. Details in this regard attached Annexure-A-3.</p> <p>As per intimation received from SDE, HSVP, Sirsa for the month of March, 2022:-</p> <ul style="list-style-type: none"> • <u>Roof top rain water Harvesting scheme</u> As per notification dated 07.12.2001 Sirsa is not notified for implementation of provision of rain harvesting in accordance with the rules framed by Haryana Urban Development Authority. • <u>Installation of Dual Button Flushing Cistern</u> In all the HSVP office and Staff Qtrs. Dual Button Flushing Cistern (Capacity 10/5 ltr and 6/3 Ltr) stand provided in the year 2018. Estate Officer HSVP is being requested not to issue the occupation certificate in the absence of dual button flushing cistern for all types of plot holders (new buildings). • <u>Graded Tarriff or Economic Use of Water</u> The graded water Tarriff has been implemented in HSVP Sectors for economical domestic use of water • <u>Reuse of Tertiary Treated / Recycled Water</u> The work for construction of STP (7.5 MLD) for HSVP Sector-19 & 20 Sirsa has been allotted to contractual agency on 16.12.2019 and the hydraulic design submitted by the agency is in process for the approval . The Provision for Reuse of Tertiary Treated/ Recycled water for irrigation/ flushing purpose has been made in the above work. As per report submitted by HSVP, Sirsa for the month of December, 2021 work of construction has been completed.
23	Open defecation in district	As per report submitted by Executive Officer, MC Sirsa vide letter No. 48 dated 04.04.2022:- All the 5 ULB's in district Sirsa has already been declared as open defecation free.
24	Septage Management /disposal by sewages through tankers	As per Report of MC Dabwali received vide letter No. 3965 dated 31.08.2020:- There are two unapproved colonies in MC, Dabwali limit where sewage system is not available .Two number private tankers (HR-48B- 5234,HR-20M-2116) operator has been registered in MC Dabwali and requested for permission for disposal the sewage effluent in Dabwali STP at Chotala Road, Sirsa vide letter No. 1129 dt.24.06.2019. So, the domestic effluent from above mentioned two un-approved colonies is treated through PHED STP, Dabwali, Sirsa.
25	Involvement of civil Society / creation of awareness	DLSTF Sirsa has conducted Tree Plantation programs in jurisdiction of Sirsa District in the month of March, 2022.
26	Organization Of Health camp	As per the report received from Civil Surgeon, Sirsa vide email dated 08.04.2022:- Civil Surgeon submitted the list of villages of District Sirsa which are located within 500 meter area where medical camps conducted of River Ghaggar. Information in this regard attached as Annexure-8.
27	Identification of sources of pollution Having out falls in drains	Information in this regard is attached as Annexure-A-1.