

## District Environment Plan of District Nuh, Haryana



**District Administration**

**Deputy Commissioner, Nuh**

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## **Background**

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

- Conventionally, the environmental pollution problems are solved by introducing environmental management techniques such as control of pollution at source, providing of sewage treatment facilities etc. However, environmental risks are not being controlled completely by such solutions.
- The environmental aspects are to be induced into each of the developmental activities at the planning stage itself and are to be well co-ordinate and balanced.
- Presently, the environmental aspects are not usually considered while preparing master plans or regional plans and the process is skewed towards developmental needs. For all developmental activities, a crucial input is land and depending on the activity a specific land use is decided. The environmentally related land use Such as trade and industry, housing construction, mining etc. is likely to have some impact on the environment. These land uses need proper planning and integration as some of the activities have inter dependencies such as industry with transport, housing etc. Besides this Climate change is now affecting every country on every continent. It is disrupting national economies and affecting lives, costing people, communities and countries dearly today and even more tomorrow. Weather patterns are changing, sea levels are rising, weather events are becoming more extreme and green house gas Emissions are now at their highest level in history. Without action, the world's average surface temperature is likely to surpass 3 degrees centigrade this century. The poorest and most vulnerable people are being affected the most.
- Affordable, scalable solutions are now available to enable countries to escape from cleaner, more resilient economies. The pace of change is quickening as more people are returning to renewable energy and a range of other measures that will reduce emissions

and increase adaptation efforts. Climate change, however, is a global challenge that does not respect national borders. It is an issue that requires solutions that need to be coordinated at the international level to help developing countries move toward low-carbon economy.

- To strengthen the global response to the threat of climate change, countries adopted the Paris Agreement at the COP21 in Paris, which went into force in November of 2016. In the agreement, all countries agreed to work to limit global temperature is to well below 2degrees centigrade. As of April 2018, 175 parties had ratified the Paris Agreement and 10 developing countries had submitted their first iteration of their national adaptation plans for responding to climate change. In this light the decentralized Climate Change Mitigation and Adaptation planning is required. Conservation of Bio-diversity and wetlands are an integral part of environment planning. The rationale for the biological diversity planning is basically it underpins ecosystem functioning and the provision of ecosystem services essential for human well-being.
- It provides for food security, human health, the provision of clean air and water; it contributes to local livelihoods, and economic development, and is essential for the achievement of the Millennium Development Goals, including poverty reduction.

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, NUH

### Objectives of District Environment Plan:-

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

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

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

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

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, NUH

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

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

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

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

Deputy Commissioner	Chairman
Additional Deputy Commissioner	Co-Chairman

## DISTRICT ENVIRONMENT MANAGEMENT PLAN, NUH

Commissioner in case of Municipal Corporation & DistrictMunicipal 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.
- 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.

# DISTRICT ENVIRONMENT MANAGEMENT PLAN, NUH

## CHAPTER-1

## DISTRICT PROFILE

Nuh, adjacent to District Gurugram, is a land of rich cultural heritage with historical background. The Meos, who trace their roots to the early Aryan invasion of Northern India, call themselves Kshatriyas and have preserved their social and cultural traits to a surprisingly to the large extent. Geographically, Nuh District is situated between 26-degree and 30-degree North Latitude and 76-degree and 78-degree East longitude. Gurugram district bounds it on its North, while Rewari district lies to its West and Palwal district to its East. On South, the district shares its boundary with the State of Rajasthan. Nuh district is largely comprises of planes. Inconsistency in Nuh topography is evident from its patches of land with hills and hillock of the Aravali Mountain on the one hand and plains on the other. Thus, physiographically the area is divided into two tra

S.N.	Particulars	Total	Total	Rural	Urban
1	Population	Total	1089263	965157	124106
		Male	571162	506086	65076
		Female	518101	459071	59030
2	Population(Age 0-6)	Total	248128	225069	23059
		Male	130168	117967	12201
		Female	117960	107102	10858
3	SC Population	Total	75251	57238	18013
		Male	39743	30312	9431
		Female	35508	26926	8582
4	Literate	Total	454897	384749	70148
		Male	308435	266086	42349
		Female	146462	118663	27799
5	Sex Ratio(Female per 1000 males)	Total	905	907	903

S.N.	Particulars	Figure
1	Total Area	153257 Hect.
2	Cultivable Area	113550 Hect.
3	Cultivated Area	108334 Hect.
4	Net irrigation AreaBy Canal by T/WellTotal	.
		16432 Hect.
		59527 Hect. 75959 Hect.



5	No. of Tractor	5688
6	No. of Seed cum fertilizer drill	3110
7	Crop intensity	150%
8	No. of Hafed Sale Centre	3
9	No. of HSDC Sale Centre	3

#### District Administrative Set-up

District	Sub Division	Tehsil	Blocks
Nuh	1. Nuh 2. Punhana 3. Tauru 4. Firojpur Jhirka	1. Punhana 2. Nuh 3. Firojpur Jhirka 4. Tauru	1. Punhana 2. Nuh 3. Nagina 4. Firojpur Jhirka 5. Tauru 6. Indri 7. Pinagwa

#### a. Local institutions

The district comprises of 4 Urban Local Bodies as enlisted below:

Sr. No.	Urban Local bodies
1	Municipal council, Nuh
2	Municipal Committee, Punhana
3	Municipal Committee, Tauru
4	Municipal Committee, Firozpur Jhirka

Besides these Nuh District  
has 297 Gram Panchayats.

**C** **APTER-2** **VEGAP ANALYSIS AND ACTION PLANS FOR**  
**COMPLYING WITH WASTE MANAGEMENT**

**(i) Solid Waste Management**

As mentioned earlier Nuh District has 4 ULBs. The Solid Waste Management details of each ULB is as under:

Sr.No.	Urban Local bodies	No of Wards	No of Households	Solid Waste Generated Per day (TPD)
1	Municipal Council, Nuh	13	4048	10
2	Municipal Committee, Punhana	15	4279	10
3	Municipal Committee, Tauru	15	10947	11.43
4	Municipal Committee, Firojpur Jhirka	15	4279	10

**a. Identification of gaps and Action plan:**

**1. Segregation**

S. No	Action points For villages /blocks/ town municipalities / City corporations	Responsible agencies	Timeline for completion of action plan			
			MC Nuh	MC Punhana	MC Tauru	MC Firozpur Jhirkha
(i)	Segregation of Waste at source	Municipal Commission/Committee	100% segregation at source practiced By house hold sand other waste 100%segregationatsour cepracticed By households and other waste 100%segregationatsour cepracticed By households and other waste	30 % source segregation achieved. There is 70 % gap and will be achieved upto 31.12.2023 (Door to Door Collection & Segregation tender has been allotted and work to started earlier )	85% source segregation achieved. There is 15 % gap and will be achieved upto 31.10.2023 (Door to Door Collection & Segregation tender has been allotted and work is on progress)	50% source segregation Achieved. There is 50%gap and Will be achieved upto 30.08.2023 (Door to Door Collection& Segregation Tender has been Floated and rates approval sin Under process)

## 2. Sweeping

S. No.	Action points For villages /blocks/ town municipalities s / City corporations	Responsible agencies	Timeline for completion of action plan			
			MCNuh	MC Punhana	MC Tauru	MC FirozpurJhirkha
(i)	Manual Sweeping	Municipal Commission/Committee	cleaning by manual sweeping ones a day in residential area and twice in commercial area is being done regularly	100 % Length of the roads are covered for regular manual sweeping. Already achieved	100 % Length of the roads are covered for regular manual sweeping. Already achieved	100 % Length of the roads are covered for regular manual sweeping. Already achieved
(ii)	Mechanical Road Sweeping & Collection	Municipal Commission/Committee	No mechanical sweeping machine exist with MC nuh. Manual Sweeping done regularly in all wards	Manual Sweeping done regularly in all wards	Manual Sweeping done regularly in all wards	Manual Sweeping done regularly in all wards

### 3. WasteCollection

S. No.	Action points For villages /blocks/ town municipal little s / City corporations	Responsible agencies	Timelineforcompletionofactionplan			
			MC Nuh	MC Punhana	MC Tauru	MC Firozpur Jhirkha
(i)	100% Collection of solid waste	Municipal Commission/Co mmittee	100% door to door collection achieved. There is no Gap	50 % door to door collection achieved and 50 % is remaining which will be achieved by 31.07.2023 (Door to Door Collection & Segregation tender has been allotted and work to be started earlier )	100 % door to door collected on the daily basis in MC Limit Tauru	100% door to door collection achieved. There is no Gap
(ii)	Arrangement for door to door collection	Municipal Commission/Com mittee	4 Tractor Trolley 8 Auto Tipper 9 Try cycle Have been deployed for 100% of door-to-door collection	3 vehicles are running have been deployed for door-to- door collection	4 vehicles are running have been deployed for door- to- door collection	3 tipper and two tractor trolley have been deployed for 100% of door-to-door collection
iii)	Waste Collection trolleys with separate compartments	Municipal Commission/Com mittee	Yes,8Auto Tipper with separate compartment for solid waste collection from door to door. There is no Gap	Yes, 3 trollyes with separate compartment for solid waste collection.	Yes, 3 trollyes with separate compartment for solid waste collection.	3tipper compartmentalized thereis40%Gapand Will be achieved upto 31.08.2023



S. No.	Action points For villages /blocks/ town municipalitie s / City corporations	Responsible agencies	MC Nuh	MC Punhana	MC Tauru	MC Firozpur Jhirkha
(iv)	Mini Collection Trucks with separate compartments	Municipal Commission/Committee	Yes, 8 Auto Tipper with separate compartment for solid waste collection from door to door. There is no Gap	Yes, 3 Tractors trolleys with separate compartment for solid waste collection. Target to achieve 100% collection is upto 30/07/2023	Yes, 4 Tata Tippers with separate compartment for solid waste collection. Target already achieved	3 tipper and two Tractor trolley have Been deployed for 100% of door-to-Door collection
(v)	Waste Deposition centers (for domestic hazardous wastes)	Municipal Commission/Committee	NA	NA	NA	No waste deposition centers provided TimeLine : 30.09.2023

**4. Waste Transport**

S. No.	Action points For villages /blocks/ town municipalities / City corporations	Responsib leagencies	Timeline for completion of action plan			
			MC Nuh	MC Punhana	MC Tauru	MC Firozpur Jhirkha
(i)	Review existing infrastructure for waste Transport.	MCs	The MC Nuh has adequate waste Transport facility with segregated compartments	Fleets are not adequate for transportation of waste. Target date 31/12/2023	Fleets are not adequate for transportation of waste. Target date 31/12/2023	3tipperand two Tractor trolley

<b>S. No.</b>	<b>Action points For villages /blocks/ town municipalities / City corporations</b>	<b>Responsible agencies</b>	<b>MC Nuh</b>	<b>MC Punhana</b>	<b>MC Tauru</b>	<b>MC Firozpur Jhirkha</b>
(ii)	Bulk Waste Truck	MCs	Not Required	Not Required	Not Required	Not Required
(iii)	Waste Transfer points	NA	Not Required	Not Required	Not Required	Not Required

**5.Waste Treatment and Disposal**

Sr. No.	Action points For villages /blocks/ town MCs / City corporations	Responsible agencies	Timeline for completion of action plan			
			MC Nuh	MC Punhana	MC Tauru	MC Firozpur Jhirkha
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement taper Rules)	MCs	No Bulk waste generators exist in Nuh town.	There is 100% Gap. BWGs have been directed for onsite composting. Currently all the wet waste of bulk waste generator i.e. vegetable market has been directed to dispose off the waste by building compost pits. Target date is 31/12/2023	There is 100% Gap. BWGs have been directed for onsite composting. Currently all the wet waste of bulk waste generator i.e. vegetable market has been directed to dispose off the waste by building compost pits. Target date is 31/12/2023	There is Gap of 40% in wet waste management and will be achieved upto 30.08.2023

Sr. No.	Action points For villages /blocks/ townMCs /City corporations	Responsible agencies	MCNuh	MC Punhana	MC Tauru	MC Firozpur Jhirkha
(ii)	Wet-waste Management: Facility (ies) for central Biome than action / Composting of wets waste.	MCs	1 Nos of wet waste processing units is required to be established and will be installed for processing of wet waste upto 31-08-2023	1 No.'s of wet waste processing units is required to be established and will be installed for processing of wet waste by 31/12/2023.	1 No.'s of wet waste processing units is required to be established and will be installed for processing of wet waste by 31/12/2023.	There is Gap of 40% in wet waste management and will be achieved upto 31.08.2023
Sr. No.	Action points For villages /blocks/ town MCs / City corporations	Responsible agencies	MC Nuh	MC Punhana	MC Tauru	MC Firozpur Jhirkha
(iii)	Dry-Waste Management Material Recovery for dry- waste fraction	MCs	1 Nos of Material Recovery Facility is required to be established and will be installed for processing of dry waste upto 31-08-2023	1 Nos of Material Recovery Facility is required to be established and will be installed for processing of dry waste upto 31/12/2023 by tender process	1 Nos of Material Recovery Facility is required to be established and will be installed for processing of dry waste upto 31/12/2023 by tender process	Currently dry waste is being processed manually there is Gap of 50% and will be achieved upto 31/12/2022. 1 Nos of Material Recovery Facility is required to be established and will be installed for processing of dry waste upto 31.08.2023

<b>Sr. No.</b>	<b>Action points For villages /blocks/ town MCs / City corporations</b>	<b>Responsible agencies</b>	<b>MCNuh</b>	<b>MC Punhana</b>	<b>MC Tauru</b>	<b>MC Firozpur Jhirkha</b>
(iv)	Disposal of inert and non recyclable wastes: Sanitary Landfill	MS	No Sanitary Land fill site exist only segregated dumping site provided	There is 100% Gap and currently waste disposed at dumping site till a Sanitary Landfill site is established Target date - 31/12/2023	There is 100% Gap and currently waste disposed at dumping site till a Sanitary Landfill site is established Target date - 31/12/2023	There is 100% Gap and currently waste disposed at dumping site till a Sanitary Landfill site established
(v)	Remediation of historic /legacy dumpsite	MCs	No legacy waste has been processed. MC Nuh Estimates has prepared and send to DULB for Administrative approval Target date 31.12.2023	IIT Roorkee has been approached for estimation of quantity of legacy waste at the dump site. Target date is 31/12/2023	IIT Roorkee has been approached for estimation of quantity of legacy waste at the dumpsite. Target date is 31/12/2023	Proposal for Bio Remediation of legacy waste has been prepared and DPR has been sent to competent authority for approval. Target date is 31.12.2023

Sr. No.	Actionpoints Forvillages /blocks/ townMCs/ City corporations	Responsib leagencies	MCNuh	MC Punhana	MC Tauru	MC Firozpur Jhirkha
(vi)	involvement of NGOs	MCs	No NGO is working with the sanitary work in MC Nuh	No NGO is working with the sanitary work in MC Punhana	No NGO is working with the sanitary work in MC Tauru	No NGO is working with the sanitary working MC Firozpur Jhirkha
(vii)	EPR of Producers: Linkage with Producers / BrandOwners	MC	As per rules, producers and bran downers should facilitate in collection of packaging waste	EPR 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. target date is 31/12/2024.	EPR 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. target date is 31/12/2023.	EPR 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. target date is 31/12/2023.

Sr. No.	Action pointsFor villages /blocks/ town MCs / City corporation s	Responsible agencies	MCNuh	MC Punhana	MC Tauru	MC FirozpurJhirkha
(viii)	Authorisation of Waste Pickers	MCs	YES11Rag Pickers. There is no Gap	Yes, 08 Rag Pickers already registered. There is no gap	Yes, Some Rag Pickers already registered. There is no gap	Yes, 9RagPickers already registered. There is no gap
(ix)	Preparation of own by-laws to complywith SWM Rules 2016	MCs	YES	Bye Laws already prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified and advertised as per SWM Rules2016andarebeing followed



<b>(x)</b>	<b>GarbageVulnerablePoints (GVPs)</b>	<b>Responsible Agencies</b>	<b>MCNuh</b>	<b>MC Punhana</b>	<b>MC Tauru</b>	<b>MC Firozpur Jhirkha</b>
a.	No. of GVPs Identified	MCs	14	3	0	12
b.	* No. of GVPs removed * Steps taken to convert the 15.2 vacated places after removing GVPs_ into sitting places, playgrounds, parks, gardens or any other useful usages	MCs	Nil	Use of RCC bench (open place)	-----	12
c.	Timelines to remove the pending GVPs	MCs	Already Removed	Already achieved	Already achieved	Already achieved
<b>(xi)</b>	<b>On-site composting of horticulture waste in Parks &amp; Institutions</b>	<b>Responsible Agencies</b>	<b>MC Nuh</b>	<b>MC Punhana</b>	<b>MC Tauru</b>	<b>MC Firozpur Jhirkha</b>
a.	No. of parks within Municipal limits	MCs	2	Nil	5	3
b.	No. of compost pits required in Parks.	MCs	4	Nil	5	3
c.	No. of compost pits provided in the parks	MCs	4	Nil	3	3
d.	Gap, if any	MCs	Nil	0	2	No Gap
e.	Timelines to complete 100% parks with compost pits or any other mode of treatment of wet waste.	MCs	Already achieved	-----	29.10.2023	already achieved
f.	No. of Institutes in the city	MCs	8	7	0	4
g.	No. of   institutes doing on_ site composting	MCs	2	0	0	4
h.	Timelines to complete 100% Loe? institutes with compost pits or any other mode of treatment of wet waste	MCs	31/12/2023	31/12/2023	-----	already achieved

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

	Urban Local bodies	Estimated quantity of Plastic Waste Generated per day
1	Municipal corporations(Nagar Nigam or Mahanagar Palika)	
2	Municipalities(MC Nuh)	
	MCNuh	0.15 TPD
	MC Tauru	0.025 TPD
	MC Punhana	0.03 TPD
	MC Firozpur Jhirkha	3.2 TPD
3	Nagarpanchayats(Town area Councils)	-

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

S. No.	Action points For villages / blocks/ town municipalities/ City corporations	Agencies Responsible	Target time for Compliance			
			MC Nuh	MC Punhana	MC Tauru	MC FirozpurJhirkha
	Door to Door collection of dry waste including PW	MCs	Yes, 8 waste collection Auto tippers are arranged With separate compartments for Collection & Segregation of solid waste from door to door.	Yes, 3 waste collection Tractor trolleys have been arranged with separate compartments for dry and wet solid waste collection from door steps. Target date -31/12/2023.	Yes, 4 waste collection auto tippers are arranged with separate compartments for collection & Segregation of solid waste from door to door. There is no GAP	Yes,3waste collection auto tippers are arranged with separate compartment for collection & segregation of solid waste from door to door

<b>Sr. No.</b>	<b>Action points For villages / blocks/ town municipalities/ City corporations</b>	<b>Agencies Responsible</b>	<b>MC Nuh</b>	<b>MC Punhana</b>	<b>MC Tauru</b>	<b>MC Firozpur Jhirkha</b>
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	NA	No transfer point required	No transfer point required	No transfer point required	No transfer point required
<b>Sr. No.</b>	<b>Action points For villages / blocks/ town municipalities /City corporations</b>	<b>Agencies Responsible</b>	<b>MC Nuh</b>	<b>MC Punhana</b>	<b>MC Tauru</b>	<b>MC Firozpur Jhirkha</b>
3.	PW collection Centres	• MCs	Nil	MRF center to be used for the purpose Target Date:- 31/12/2023	MRF center to be used for the purpose Target Date:- 31/12/2023	1 Collection Centre is available for Collection and Segregation of Plastic waste
4.	Awareness and education programs implementation Awareness and education	MCs	MC Nuh tries to Use every Event for IEC activities such as Women's day Celebration, Independence Day.	MC ,Punhana tries to use every event for IEC activities such as women's day Celebration, Independence Day, etc.	MC ,Tauru tries to use every event for IEC activities such as women's day Celebration, Independence Day, etc.	MC Firozpur Jhirkha tries to use every Event for IEC Activities such as women's Day celebration Independence Day, etc

5.	Access to Plastic Waste Disposal Facilities	• MCs	Nil	MRF center to be used for the purpose Target Date:- 31/12/2023 MRF center to be used for the purpose Target Date:- 31/12/2023.	MRF center to be used for the purpose Target Date:- 30/11/2023 MRF center to be used for the purpose Target Date:- 30/11/2023.	Agency for disposal of Plastic Waste shall be identified and agreement shall be made by 30.08.2023
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(i) **C & D Waste Management**

**Current status related to C & D Waste**

Details of Data Requirement	MCNuh	MC Punhana	MC Tauru	MC FirozpurJhirkha
<b>Total C &amp; D waste generation in MT per day (As per data from Municipal Corporations / Municipalities)</b>	0.001	0.5 TPD	1.0 TPD	0.005TPD
Does the District has access to C&D waste recycling facility?	No	No	No	NO

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

S. No.	Action points for blocks / town MCs / City corporations	Responsible agency	Timeline for completion of action plan			
			MCNuh	MC Punhana	MC Tauru	MC FirozpurJhirkha
1.	Arrangement for separate collection of C&D waste to C&D waste depository point.	MCs	Site to be identified for C & D waste exposition Separate vehicle to be arranged for C & D waste collection & Transportation at deposition site	Yes, 1 tractor - Trolley is available for collection and transportation of C & D waste from source to C&D Waste site.	Yes, 1 tractor - Trolley is available for collection and transportation of C & D waste from source to C&D Waste site.	Site to be identified for C & D waste exposition Separate vehicle to be arranged for C & D waste collection & Transportation at deposition site

Sr. No.	Action points For villages / blocks/ town municipal ities / City corporations	Agencies Responsible	MCNuh	MC Punhana	MC Tauru	MC FirozpurJhirkha
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?	MCs	User fees of Rs.1000/- per Trolley has been fixed for Collection of C&D waste. No BWG has been identified in city who who generate more than 20 tons or more inonedayor300 tons per Month.	User fees of Rs.500/- per Trolley has been fixed for Collection of C&D waste. No BWG has been identified in city who who generate more than 20 tons or more in one day or 300 tons per Month.	NA	UserfeesofRs.500/-per Trolley has been fixed for Collection of C&D waste. No BWG has been identified in city who generate more than 20 tons or more in one day or 300tons per Month
	C & D waste recycling facility		01nosof C&D waste collectionand dumping site being identified in MC Nuh	C&D waste recycling facility is not available. Municipality is using C&D waste for filling of low-lying areas, roads . C&D waste will be used for tiles, bricks and dust formation to compensate requirement of construction of raw material.	C&D waste recycling facility is not available. Municipality is using C&D waste for filling of low-lying areas, roads . C&D waste will be used for tiles, bricks and dust formation to compensate requirement of construction of raw material.	Tender process has been initiated

Sr. No	Action points For villages / blocks/ town municipalities / City corporations	Agencies Responsible	MC Nuh	MC Punhana	MC Tauru	MC Firozpur Jhirkha
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	MCs	No recycling facility provided for the C&D Waste in MC Nuh. Due to the very less quantum of the generation of C&D Waste in MC Nuh	C&D waste recycling facility is not available. Municipality is using C&D waste for filling of low-lying areas, roads. C&D waste will be used for tiles, bricks and dust formation to compensate requirement of construction of raw material.	C&D waste recycling facility is not available. Municipality is using C&D waste for filling of low-lying areas, roads. C&D waste will be used for tiles, bricks and dust formation to compensate requirement of construction of raw material.	Tender process has been initiated. Municipality is using C&D waste for filling of low-lying area. C & D waste will be used for tiles, brick sand dust formation for compensate to requirement of construction raw material
5.	ICE on C&D waste management	MCs	Awareness programs are being organized time to time	1. By Advertisement in Local News Papers 2. Meeting with Contractor . 3. By Notice to Bulk waste generators.	1. . By Advertisement in Local News Papers 2. Meeting with Contractor . 3. By Notice to Bulk waste generators.	1. By Advertisement in Local News Papers 2. Meeting with Contractor.3.ByNoticetoBulk waste generators

**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 / MandalTehsils	7	<b>166715</b>	<b>1167005</b>	162.44TPD
2	Village/Gram Panchayats	325	<b>166715</b>	<b>1167005</b>	162.44TPD

**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.	Nuh	54	210553	28080	3	51	31-03-2024
2.	Ferozpur Jhirka	65	146269	25852	3	62	
3.	Punahana	60	225340	31411	3	57	
4.	Taoru,	76	143238	23268	2	74	
5.	Nagina	57	141000	19092	3	54	
6.	Pingwan	51	165145	23141	1	50	
7.	Indri	59	112463	15871	2	57	
	<b>Total:</b>	<b>422</b>	<b>1167005</b>	<b>166715</b>	<b>17</b>	<b>405</b>	



a. Status and action plan for Segregation:-

Sr. No.	Name of Block	Total no. of villages in the block	Total Population of the Block	Total no. of Households in the Block	Status of Segregation		Target date of completion where 100% not achieved
					No. of villages where 100% Achieved	No. of villages where 100% not achieved	
1.	Nuh	54	210553	28080	3	51	31-03-2024
2.	Ferozpur Jhirka	65	146269	25852	3	62	
3.	Punahana	60	225340	31411	3	57	
4.	Taoru,	76	143238	23268	2	74	
5.	Nagina	57	141000	19092	3	54	
6.	Pingwan	51	165145	23141	1	50	
7.	Indri	59	112463	15871	2	57	
	<b>Total:</b>	<b>422</b>	<b>1167005</b>	<b>166715</b>	<b>17</b>	<b>405</b>	

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

Sr. No.	Name of Block	Total no. of villages in the block	Total Population of the Block	Total no. of Households in the Block	Status of Treatment for wet waste			
					No. of villages where 100% Achieved	No. of villages where 100% not achieved	Target date of completion where 100% not achieved	Action plan for wet waste management
1.	Nuh	54	210553	28080	3	51	31-03-2024	24 GWM Project completed of Phase-1, and 40 GWM Project in-progress out of 62 GWM Projects sanctioned of Phase-2,
2.	Ferozepur Jhirka	65	146269	25852	3	62		
3.	Punahana	60	225340	31411	3	57		
4.	Taoru,	76	143238	23268	2	74		
5.	Nagina	57	141000	19092	3	54		
6.	Pingwan	51	165145	23141	1	50		
7.	Indri	59	112463	15871	2	57		
	<b>Total:</b>	<b>422</b>	<b>1167005</b>	<b>166715</b>	<b>17</b>	<b>405</b>		

**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.	Nuh	54	210553	28080	3	51	31-03-2024	26 villages Segregation Shed completed phase-I, 396 villages SWM shed sanctioned in phase-II, tenders are in progress
2.	Ferozpur Jhirka	65	146269	25852	3	62		
3.	Punahana	60	225340	31411	3	57		
4.	Taoru,	76	143238	23268	2	74		
5.	Nagina	57	141000	19092	3	54		
6.	Pingwan	51	165145	23141	1	50		
7.	Indri	59	112463	15871	2	57		
	<b>Total:</b>	<b>422</b>	<b>1167005</b>	<b>166715</b>	<b>17</b>	<b>405</b>		

**(ii) Biomedical Waste Management**

**a. Current Status related to biomedical waste**

<b>Inventory of BMW in the District</b>	<b>Quantity</b>
Total no. of Bedded Health care Facilities	33
Total no. Of non Bedded Health care Facilities	18
No. of HCF authorized by SPCBs/PCCs	51
No of Common Bio medical Waste Treatment and Disposal facilities (CBWTFs)	There is no CBWTF in the jurisdiction of Nuh Region
Capacity of CBWTFs	NA
No.of Deep burials for BMW if any	Nil
Quantity of biomedical waste generated per day	346 Kg/Day
Quantity of biomedical waste treated per day	346 Kg/Day

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

<b>S. No.</b>	<b>Action points</b>	<b>Gaps</b>	<b>Action Plan</b>	<b>Responsible agency</b>	<b>Timeline for completion ofaction plan</b>
1.	Inventory and identification of Healthcare Facilities	Nil, Total 51 HCF are identified and have obtained authorization under BWM Rules from HSPCB	Regular inspection/Survey is being carried out by HSPCB time to time for the verification of the compliances and identification of illegal activity of the HCFs of District Nuh	<b>HSPCB</b>	Already achieved andit is an ongoing process.
2.	Inventory and identification of Healthcare Facilities	Nil, Total 51 HCF are identified and have obtained authorization under BWM Rules from HSPCB	Regular inspection/Survey is being carried out by HSPCB time to time for the verification of the compliances and identification of illegal activity of the HCFs of District Nuh	<b>HSPCB</b>	Already achieved and it is Anon going process.
3.	Tracking of BMW	All HCFs have already adopted the bar code system.	All HCFs have already adopted the bar code system.	<b>HSPCB</b>	Already achieved, no action plan required
4.	Awareness and education of healthcare staff	Training programs have been conducted with the help of service providers and IMA on time to time basis for disposal of Bio medical waste and provisions of BMW Rules, 2016	Training programs have been conducted with the help of service providers and IMA on time to time basis for disposal of Bio medical waste and provisions of BMW Rules, 2016	<b>Health Department, Haryana</b>	Already achieved, no action plan required

5.	Adequacy of funds	Yes, adequate funds is allotted to government healthcare facilities for bio medical waste management by state govt.	Yes, adequate funds is allotted to government healthcare facilities for bio medical waste management by state govt	<b>Health Department, Haryana</b>	Already achieved, no action plan required
6.	Compliance to Rules by HCFs and CBWTFs.	Yes, district level mechanism to monitor compliance by HCFs	Yes, district level mechanism to monitor compliance by HCFs	<b>HSPCB</b>	Already achieved, no action plan required
7.	District Level Monitoring Committee	Yes, District Level Monitoring committee has been constituted and meetings are being organized.	Yes, District Level Monitoring committee has been constituted and meetings are being organized.	<b>Health Department &amp; HSPCB</b>	Already achieved, no action plan required
8.	Wastewater Treatment	01 no of HCF has provided the ETP and remaining HCF has provided the hypochlorite treatment/disinfection facility and most HCF are connected to the terminal treatment facility.	01 no of HCF has provided the ETP and remaining HCF has provided the hypochlorite treatment/disinfection facility and most HCF are connected to the terminal treatment facility.	<b>HSPCB</b>	Ongoing process. As and when new HCF is established, compliance is monitored.

## (i) Hazardous Waste Management

### a. Current Status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No of Industries generating HW	52
Quantity of HW in the district	7150.777
(i) Quantity of Incinerable HW	694.647
(ii) Quantity of land-fillable HW	83.63
(iii) Quantity of Recyclable / utilizable HW	6372.5
No of captive/common TSDF	There is no TSDF in Nuh Region
Contaminated Sites or probable contaminated sites	There is No contaminated site in District Nuh

### b. identification of gaps and action plan

S. No.	Action points	Gaps	Action Plan	Responsible agency	Timeline for completion of Action plan
	Regulation of industries and facilities generating Hazardous Waste	Nil, all the units generating Hazardous Waste is being monitored by HSPCb on regular bases as per the policy orders of the Board.	All the Hazardous Waste generating industries has obtained the authorization from HSPCb and disposing there Hazardous Waste through authorized agency on authorized site	HSPCB	Already achieved no action plan required

2.	Establishment of collection centres	Nil, the Hazardous waste units are already linked with common TSDF/ Recyclers/authorized agencies	No action plan required as the Hazardous waste units are already linked with common TSDF / Recyclers/ authorized agencies	<b>HSPCB</b>	Already achieved no action plan required
3.	Training of workers involved in handling / recycling / disposal of HW	HSPCB is conducting awareness activity and training programs with the works of the industries involve in handling / recycling and scientific disposal of Hazardous Waste as per the provisions of HOWM Rules, 2016	HSPCB is conducting awareness activity and training programs with the works of the industries involve in handling / recycling and scientific disposal of Hazardous Waste as per the provisions of HOWM Rules, 2016	<b>Additional Director Health and Safety Department</b>	Already achieved no action plan required
4.	Availability / Linkage with common TSDF or disposal facility	All the Hazardous waste generating units are linked with common TSDF/recyclers /authorized agencies for the safe disposal of the Hazardous Waste	All the Hazardous waste generating units are linked with common TSDF/recyclers /authorized agencies for the safe disposal of the Hazardous Waste further the common TSDF i.e. GEPIL Pali Faridabad has provided adequate storage and captive scientific disposal facility existing in the state of Haryana No Action plan Required	<b>HSPCB</b>	Already achieved no action plan required



5.	Contaminated Sites	There is no Contaminated Sites of soil, sediments, underground water is available in the jurisdiction of Nuh District	There is no illegal industrial waste dumping site and rivers pumping observed in the jurisdiction of Nuh District survey is being conducted by HSPCB time to time	HSPCB	Already achieved no action plan required
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**(v) E-Waste Management**

**Current Status related to E-Waste Management**

Details of Data Requirement	MC Nuh	MC Punhana	MC Tauru	MC Firozpur Jhirkha
inventory of E-Waste in MT/year	Nil	Nil	Nil	Nil
Collection centers established by ULBs in the District	0	0	0	0
Collection centers established by Producers or their PROs	0	0	0	0
No. of authorized E-Waste recyclers / Dismantler	0	0	0	0

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

S.No.	Actionpoints	Gaps	ActionPlan	Responsible agency	Timeline for completion of action plan
1.	Inventory / Generation of E-Waste / Bulk-waste generators	There is no bulk waste generators exist in the jurisdiction of Nuh District. The E- Waste generated within the District Nuh is being Dismantled/recycled by the authorized unit of District Nuh i.e. M/s E-Waste Recycling India Pvt. Ltd., Shed no. 15, Roz KA Meo, Industrial Ara, District Nuh for the further processing	There is no bulk waste generators exist in the jurisdiction of Nuh District. The E- Waste generated within the District Nuh is being Dismantled/recycled by the authorized unit of District Nuh i.e. M/s E-Waste Recycling India Pvt. Ltd., Shed no. 15, Roz KA Meo, Industrial Ara, District Nuh for the further processing. However, notices have been issued to big hospitals and educational institutes for maintaining the agreement with the authorized ewaste dismantler/recycler	HSPCB	31.08.2023
2.	E-Waste collection points	All the E-waste is directly collected by the authorized unit of District Nuh i.e. M/s E-Waste Recycling India Pvt. Ltd., Shed no. 15, Roz KA Meo, Industrial Ara, District Nuh for the further processing	All the E-waste is directly collected by by the authorized unit of District Nuh i.e. M/s E-Waste Recycling India Pvt. Ltd., Shed no. 15, Roz KA Meo, Industrial Ara, District Nuh for the further processing	HSPCB	31.08.2023

3.	Linkage among Stakeholders to channelize E-Waste	All the E-waste is directly collected by by the authorized unit of District Nuh i.e. M/s E-Waste Recycling India Pvt. Ltd., Shed no. 15, Roz KA Meo, Industrial Ara, District Nuh for the further processing	All the E-waste is directly collected by by the authorized unit of District Nuh i.e. M/s E-Waste Recycling India Pvt. Ltd., Shed no. 15, Roz KA Meo, Industrial Ara, District Nuh for the further processing	<b>HSPCB</b>	NA
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4.	Regulation of illegal E-Waste recycling / dismantling	There is no such Illegal E-Waste recycling / dismantling facilities existing in district Nuh	No Gap. However, Action plan in coordination with SPCBs/PCCs and District Administration to check this activity.	<b>HSPCB</b>	Regular Activity
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5.	Integration of informal sector	All the E-waste is directly collected by by the authorized unit of District Nuh i.e M/s E-Waste Recycling India Pvt. Ltd., Shed no. 15, Roz KA Meo, Industrial Ara, District Nuh for the further processing	All the E-waste is directly collected by by the authorized unit of District Nuh i.e. M/s E-Waste Recycling India Pvt. Ltd., Shed no. 15, Roz KA Meo, Industrial Ara, District Nuh for the further processing	<b>HSPCB</b>	Regular Activity
6.	Awareness and Education	Yes, the programs at district level for awareness about Ewaste management is being organized by HSPCB and authorized recycler at institutional level	Yes, the programs at district level for awareness about Ewaste management is being organized by HSPCB and authorized recycler at institutional level	<b>HSPCB</b>	Regular Activity

### 3.0 Air Quality Management

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

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring stations in the district. - Operated by SPCB / State Govt / Central govt./ PSU agency : - Operated by Industry:	01 No Continuous Ambient Air Quality Monitoring Station installed in District Nuh
Number of manual monitoring States operated by SPCBs	01 No Manual Ambient Air Quality Monitoring Station installed in District Nuh
Name of towns / cities which are failing to comply with national ambient air quality stations	NIL
No of air pollution industries	Industries = 41 Brick Kiln = 81 Stone Crusher = 128
Prominent air polluting sources [Large Industry]/ [Small Industry]/ [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln / industrial Estate] / [others] (Multiple selection)	Small scale industry, Unpaved roads, stone crushers, Industrial estate (Roz ka Meo)

**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?	Carry out inventory of air pollution sources in District including hotspots or areas of concern pertaining to air pollution in association with SPCBs/PCCs may	• HSPCB	Inventory of Air polluting Industries is already done and also the new industry added to the list.
				Prevention of stubble burning through awareness programs, in-situ and ex-situ management.
2.	Ambient Air quality data?	Plan to get access to available air quality monitoring stations in the District operated by both Public and private agencies.	HSPCB	Ambient Air quality data Available through digital display Board, on Sameer Appand CPCB website = <a href="https://app.cpcbcr.com/AQI India/">https://app.cpcbcr.com/AQI India/</a>
3.	Setting up of Continuous Ambient Air Quality Monitoring Station	Like weather station, District may also have ambient air quality monitoring at major urban settlements or Populated areas. Action Plan may propose setting up at least one CAAQMS in District. Also access data generated by CAAQM stations installed by other pvt/public agencies. District authority in association with local office of SPCB/PCC should also ensure that at least one manual Air Quality monitoring station is available in each city. [District admin may set-	HSPCB	One CAAQMS in District Nuh already installed

Setting up of

			up its own network of CAAQMS or manual stations			
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4.	District Level Action Plan for Air Pollution	<p>Action plan should be prepared for both improvement of existing air quality as well as for non-attainment days to national ambient air quality standards.</p> <p>Measures may include multi sector all approach for air pollution control such as promotion of public transport, use of green fuels, E-mobility; LPG based cooking, carpeting open areas/kerbs, etc. Action plans envisaged in NCAP project initiated by MOEF &amp;CC may be referred]</p>	<p><b>HSPCB/ MC/ DDA/P WD/District Administration</b></p>	<p>Adequate measures for the promotion of public transport, use of green fuels, E-mobility, LPG based cooking, carpeting open areas/kerbs, etc has been taken by district administration . Further, Regular and special drives for inspection of industries is conducted to check use of illegal fuel</p>
5.	Hotspots of air pollution in District	<p>Traffic congestion points and garbage vulnerable points have been identified.</p>	<p>• <b>HSPCB</b></p>	<p>These traffic congestion point caused by constructional work of bridges of highway. Necessary measures for dust control of dust emission has been taken by construction company.</p>



6.	Awareness on Air Quality	Plan for dissemination of information on local air quality in in District prepared. Online air quality monitoring station of HSPCB has been established in Nuh. The data is available in public domain.	<ul style="list-style-type: none"> <li>• <b>HSPCB</b></li> </ul>	<p>Continuous Ambient air quality data is accessible through digital display Boards, Sameer App and through website.</p> <p>anners are placed various prominent places in the district for awareness along withorganising seminars and awareness programmers from time to time.</p> <ul style="list-style-type: none"> <li>• One Nodal Officer for overall monitoring with Control Room</li> <li>• Flying squads/ monitoring teams are constituted at Sub Division, Block and village levels.</li> <li>• Two officers are appointed in red zone areas for monitoring.</li> <li>• Using of SMS compulsory for Combine Harvester for in Situ Management of Straw.</li> <li>• No straw burnings Panchayat will be awarded.</li> <li>• Storage spaces for paddy bales will be identified by gram panchayats</li> <li>• Wide Publicity among the farmer through Awareness Camps, Mobile Van, Wall Painting, Postersetc.</li> </ul>
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## WaterQualityManagement

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### Water Quality Monitoring

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

Details of Data Requirement	Present Status
Rivers	Yamuna River
Length of Coastline (if any)	0
Nalas/ Drains/Creeks meeting Rivers	04
Lakes / Ponds	<a href="https://hid.gov.in/information-Systems">https://hid.gov.in/information-Systems</a>
Total Quantity of sewage from towns and cities in District	10.81MLD
Quantity of industrial wastewater	3.95MLD
Percentage of untreated sewage	6.56%
Details of bore wells and number of permissions given for extraction of groundwater	<b>Nil</b>
Groundwater polluted areas if any	No
Polluted river stretches if any	Nil

**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	All data of water bodies (rivers / canals / natural drains I creeks / estuaries / groundwater / ponds / lakes / etc.) under the jurisdiction of Irrigation department YWS Circle Nuh is properly maintained.	<b>Irrigation Department, Pond water Authority</b>	No action planes required
2	Quality of water bodies in the district	Check availability of data on water bodies. Create a district level monitoring cell for periodic monitoring of water bodies for specific parameters in association with SPCBs. It is also necessary to disseminate information pertaining to water quality in the form of hoardings on river banks, official websites, etc.	<b>Irrigation Department,</b> <b>HSPCB</b>	Details available in public domain at <a href="https://hspcb.gov.in/PDWQH">https://hspcb.gov.in/PDWQH</a>
3	Hotspots of water contamination	Check trends of water quality and identify hotspot of surface water and ground water. Establish a system or separate cell to monitor water quality. implementation points for restoration of water quality in association with SPCBs and department of environment.	<b>HSPCB</b>	No action plan is required

4	Protection of river / lake water front	Action plan should be prepared for control river side open defecation, dumping of Solid waste on river banks, for idol immersion etc.	<b>Irrigation Department</b>	No action plan is required
			<b>ULB</b>	
5.	Inventory of sources of water pollution	Check whether inventory of all sewage and wastewater discharge points into water bodies in the district. Action plan to complete inventory.	<b>Irrigation Department/DDPO</b>	<a href="https://hid.gov.in/information-Systems">https://hid.gov.in/information-Systems</a>
6.	Oil spill disaster management (for coastal districts)	Whether district oil spill crisis management group and District Oil Spill Disaster Contingency Plan has been created? If not, create District Oil Spill Crisis Management Group and District Oil Spill Disaster Contingency Plan for the district	Not Applicable	

7.	Protection of flood plains	Check whether there is regulation for protection of flood plain encroachment? Action plan should be prepared for protection flood plain and prevention of encroachment.	<b>Irrigation Department,</b>	NA
8.	Rejuvenation of groundwater	Check availability of groundwater and if required prepare action plan to rejuvenate ground water in selected areas, Action plan should be prepared for Rain water harvesting	<b>Irrigation Department</b>	NA

<b>9.</b>	Complaints redressal system	Check whether there is any complaint redressing system based on Mobile App I Online, is available? If not, a complaint redressing system based on Mobile App / Online should be available at district level	<b>Irrigation Department,</b>	
			<b>HSPCB</b>	

## Domestic Sewage

### a. identification of gaps and action plan for treatment of domestic sewage

Details of Data Requirement	MC Nuh	MC Punhana	MC Tauru	MC Firozpur Jhirkha
	PHED	PHED	PHED	PHED
No of Class-II towns and above	1			
No of Class-I towns and above	0			
No of Towns STPs installed	1	1	1	1
No of Towns needing STPs	1	1	1	1
No of ULBs having partial underground sewerage network	3(Nuh, Tauru & Firozpur Jhirkha Towns)			
No of towns not having sewerage network	Nil			
Total Quantity of Sewage generated in District from Class II cities and above	10.81MLD			
Quantity of treated sewage flowing into Rivers (directly or indirectly)	10.10MLD			
Quantity of untreated or partially treated sewage (directly or indirectly)	0.71MLD			
Quantity of sewage flowing into lakes	Nil			
Total available Treatment Capacity	Total Available treatment Capacity is 17.60MLD (4.5MLD Punhana, 5.0MLD Firozpur Jhirkha, 3.6MLD Nuh and 4.5MLD Tauru )			

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

S. No	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1	Sewage Treatment Plants (STPs)	<p><b>Tauru - 4.5 MLD STP, PHED</b> is already working tender case for upgradation was sent to competent authority. On which observations has been raised by TAC on tender case. Now new estimate for upgradation on SBR technology is under preparation and work is expected to be completed on 31/03/2024</p> <p><b>5MLD Firojpur Jhirkha STP, PHED</b> already working estimate for upgradation on SBR Technology has been sent to competent authority and same is under approval.</p> <p><b>3.6MLDSTPNuh, PHED</b> is already working tender case for upgradation was sent to competent authority. On which observations has been raised by TAC on tender case. Now new estimate for upgradation on SBR technology is under preparation and work is expected to be completed on 31/03/2024</p> <p><b>Punhana-4.5MLDSTP, of PHED</b> already working .Estimate for up gradation on SBR Technology is under preparation</p>	<ul style="list-style-type: none"> <li>• PHED</li>   <li>PHED</li>   <li>PHED</li>   <li>PHED</li> </ul>	<p>The upgradation work will be completed approximate upto 31/03/2024</p> <p>The upgradation work will be completed approximate upto 31/03/2024</p> <p>The upgradation work will be completed approximate upto 31/03/2024</p> <p>The upgradation work will be completed approximate upto 31/03/2024</p>

2	Underground sewerage network	<p><b>Nuh</b>– Approximate 85 % sewage network has been laid down in the approved areas and remaining 15% sewage laying work is in under process the existing 3.6 MLD STP, PHED.</p> <p><b>Punhana Action plan Required</b>– 100% sewage network has been laid down in the approved</p> <p><b>Tauru</b>– Approximate 85% sewage network has been laid down in the approved areas and remaining 15 % sewage laying work is in under process</p> <p><b>Firozpur Jhirka</b> – Approximate 90 % sewage network has been laid down in the approved areas and remaining 10% sewage laying work is In under process</p>	<p>• <b>PHED</b></p> <p><b>PHED</b></p> <p><b>PHED</b></p> <p><b>PHED</b></p>	<p>These waylaying work will be completed approximate upto 31/08/2023</p> <p>These waylaying work completed</p> <p>These waylaying work will be completed approximate upto 31/08/2023</p> <p>These waylaying work will be completed approximate upto 31/08/2023</p>
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## Industrial wastewater management

### a. Current Status related to industrial Waste water Management

Number of Red, Orange, Green and White industries in the District	[49 of Red industries],[51 of Orange industries ],[13 of Green industries]
No of industries discharging wastewater	52
Total Quantity of industrial	3.95MLD
Quantity of treated industrial wastewater discharged into Nalas / Rivers	Nil
Common Effluent Treatment Facilities	Nil
No of industries meeting Standards	52
No of industries not meeting discharge Standards	0

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

S.No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Compliance to discharge norms by industries	Identify gaps w.r.t industries not meeting the standards. Necessary action be initiated through SPCBs against the industries not meeting the standards.	HSPCB	Regular activity. Strict action is taken as per the acts
2.	Complaint redressal system	Check if there is any complaint redressing system based on Mobile App/ Online, is available? If not, a complaint redressing system based on Mobile App / Online portal may be prepared at district level.	HSPCB	CM Window, PG Portal, Sameer App. SMGT Portal,

## MiningActivityManagementplan

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

<b>Details of Data Requirement</b>	<b>Nil</b>
Type of Mining Activity	Nil
No of licenced Mining operations in the District	Nil
Area covered under mining in the District	Nil
Area of Sand Mining	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	A district Level task team may be indented to identify mining activity and to monitor status wither respect to environmental compliance.	<b>NA In future if Hon'ble Supreme Court allow to Mining in District Nuh District Level Task Force Committee hasal ready been Constituted.</b>	<b>NA</b>

2.	inventory of illegal mining if any mining	Action plan to identify illegal sand and other mining activity in the District through surveillance, patrolling and enforcement District level task force may be constituted for control of illegal mining activity.	<b>Mining Department</b>	<b>District Level Task force committee has already been constituted under the chairmanship of Worthy Deputy Commissioner.</b>
3.	Environment compliance by Mining industry	Action plan for period icverification on compliance to environmental conditions stipulated by SPCB/PCC MoEF&CC department of mines atc SPCBa/PCC may be involved in this activity	<b>Mining Department</b>	NA

## Noise Pollution Management plan

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

Details of Data Requirement	Measurable Outcome
No. of noise measuring devices available with various agencies in district	

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

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan		
				HSPCB	ULBs	Traffic Police
1.	Availability of Sound/Noise Level Meters.	Currently, No Noise meter is available at present. HSPCB office for district NUh is established in year 2020. Requirement of Noise meter has been sent to Head Office for procurement.	HSPCB,	One no. of noise monitoring kit has been procured by this office	NA	NA
2.	Ambient Noise Level monitoring.	Currently, No Noise monitoring station is available at present. HSPCB office for district Nuh is established in District Nuh in year 2020. Requirement of Noise meter has been sent to Head Office for procurement	ULB,HSPCB,	Direction has already being issued to the concerned agency to follow the Noise Rules2000	Direction has already being issued to the concerned agency to follow the Noise Rules2000	
3.	Signboards in Noise zones	Signboard provided at Community centers, and marriage places.	ULB	NA	Direction has already being issued to the concerned agency to follow the Noise Rules2000	NA

4.	Complaint redressing system	CM Grievances Redressal and Monitoring System, Haryana is available for lodging any public complaint. More over Social Media Grievance track (SMGT) is also working in the District. District Public Relation and Grievance Redressal Committee is also working on public grievances.	ULB,HSPCB, Police	Direction has already being issued to the concerned agency to to redress the complaint regarding noise pollution time to time	Direction has already being issued to the concerned agency to redress the complaints regarding noise Pollution time to time	Direction has already being issued to the concerned agency to redress the complaints regarding noise Pollution time to time
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### 9.0OtherEnvironmentalIssues

Sr. no.	Action points	Responsible Agencies	
a	Management of solid waste and liquid waste generated from unauthorized colonies/residential complexes/commercial complexes developed by private developers	ULB	There is no unauthorized in MC Area. No Gap
		DTP	-
		DDPO	Households/commercial complex owner Manage at their own level
b	Management of carcasses in the rural area	DDPO	In every Gram Panchayat particularly and is Decided for this type of Waste Called Hadda Ruddi

## Goodpractices

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

1. Installed one number Continuous Ambient Air Quality Monitoring Station at Nuh City for real time monitoring of Ambient Air Quality as per National Ambient Air Quality Standards. One display board reflecting real time data regarding different parameters is installed at prominent location i.e. Mini Secretariat.
2. All 204 Health care facilities including government, private hospital, clinic, diagnostic centre, veterinary hospital, occupation health centre, ESI centre etc. has obtained the Biomedical authorization as per Biomedical Waste Rules, 2016.
3. For Nuh district, Common Bio Medical Waste Treatment Facilities (CBMWTF) is operational i.e. M/s Golden Eagle Waste Management Company, Faridabad is disposing biomedical waste of all healthcare facilities from Nuh district in scientific manner with environmentally sound facility as per CPCB guidelines.
4. All the 39 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 11 Sewage Treatment Plants and 01 Common Effluent Treatment Plant installed having treatment capacity of 62.75 MLD sewage water and 0.1 MLD industrial waste water respectively.
6. 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.
7. Regular Tree Plantation Derives are conducted by various Industries, NGOs, farmers, District Administration along with HSPCB regional Office and Forest Department.
8. Real Time monitoring of Stubble Burning incidents conducted through Satellite by Haryana Space Applications Centre (HARSAC) along with HSPCB regional Office and District Administration.
9. For the environmentally sound management of domestic solid waste; 100% door to door collection is achieved by all Urban Local Bodies of Nuh District.