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

Kindly refer to the subject noted above,

In this connection, please find enclosed herewith the updated District Environment Plan of District Hisar. 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 & hspcbho@gmail.com through office of Deputy Commissioner.

for Regional officer
Hisar Region

Deputy Commissioner

Hisar

Tele No. 01662-250890

Regional Office

Haryana State Pollution Control Board,

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

Email-hspcbrohr@gmail.com

No. HSPCB/HR/2023/ 62 Dated: 06-04-2023

To

The Deputy Commissioner,
Hisar.

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

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 Hisar. 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

SHAKTI SINGH
Digitally signed by SHAKTI SINGH
Date: 2023.04.06 11:43:01 +05'30'

Regional Officer
Hisar Region

District Environment Plan of District Hisar, Haryana

District Administration Deputy Commissioner, Hisar

Office: Mini Secretariat

DC Office, Hisar

E-Mail:dchsr@hry.nic.in

Contents

Background

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

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

12. The Department of Environment of all States and Union Territories may collect such District Environment Plans of their respective States and finalize the 'State Environment Plan' covering the specific the matic are as 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 the 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 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."

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

The District Environmental plans cover the following environmental issues:

- Municipal Solid Waste Management
- Plastic Waste Management
- Construction and Demolition Waste (C&D)
- Biomedical Waste Management
- Hazardous Waste Management
- E-Waste Management
- Water Quality Management Plan
- Domestic Sewage Management Plan including Status of STPs and their performance & Utilization/ Re-used of treated effluent
- Industrial 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 as simulative 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 over use, 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. 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.

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 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 stakeholders and focus on priorities. This would require close monitoring. The District Environment Monitoring Committee has been constituted by Deputy Commissioner, Hisar and constitution of the committee is as under-

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 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 roadmap for activities for capacity building of stake holder, departments, agencies, organizations and to build awareness & outreach among public to under stand and implement micro level environmental conservation actions.

CHAPTER-1 DISTRICT PROFILE

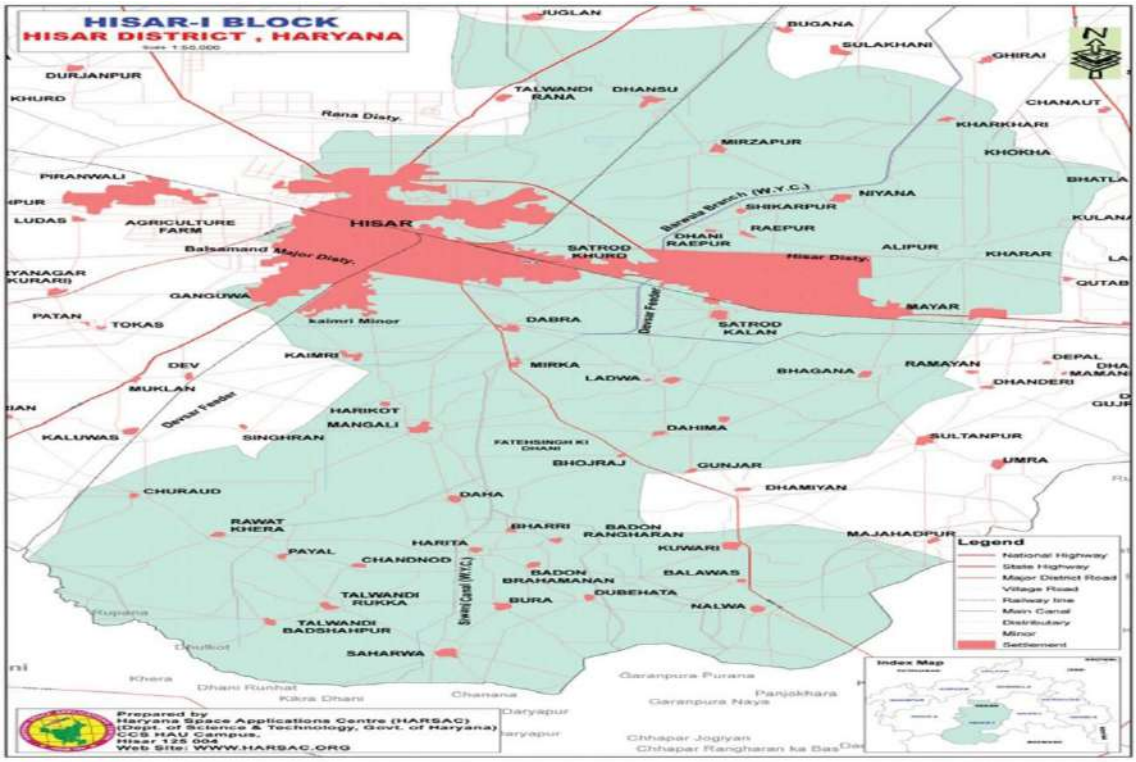
Hisar, the west central most district of Haryana State with a total geographical area of 3,983.00 Sq. Kms. is lies between the north latitudes 28° 56' 00" : 29° 38' 30" and east longitudes 75° 21' 12" : 76° 18' 12".It was founded by Feroz Shah Tuglak in the year 1354 it was made as an advance fort with four giant gates popularly known as Nagori gate, Mori gate, Delhi gate & Talaqui gate. It is the oldest district carves at the time of joint Punjab. District Hisar is known as a city of steel as one of the biggest producers of stainless steel i.e. M/S Jindal Stainless Ltd. exists in the district. It is surrounded by Fatahabad district in the North, Bhiwani district in South, Jind & Rohtak district in east and Rajasthan in the west.

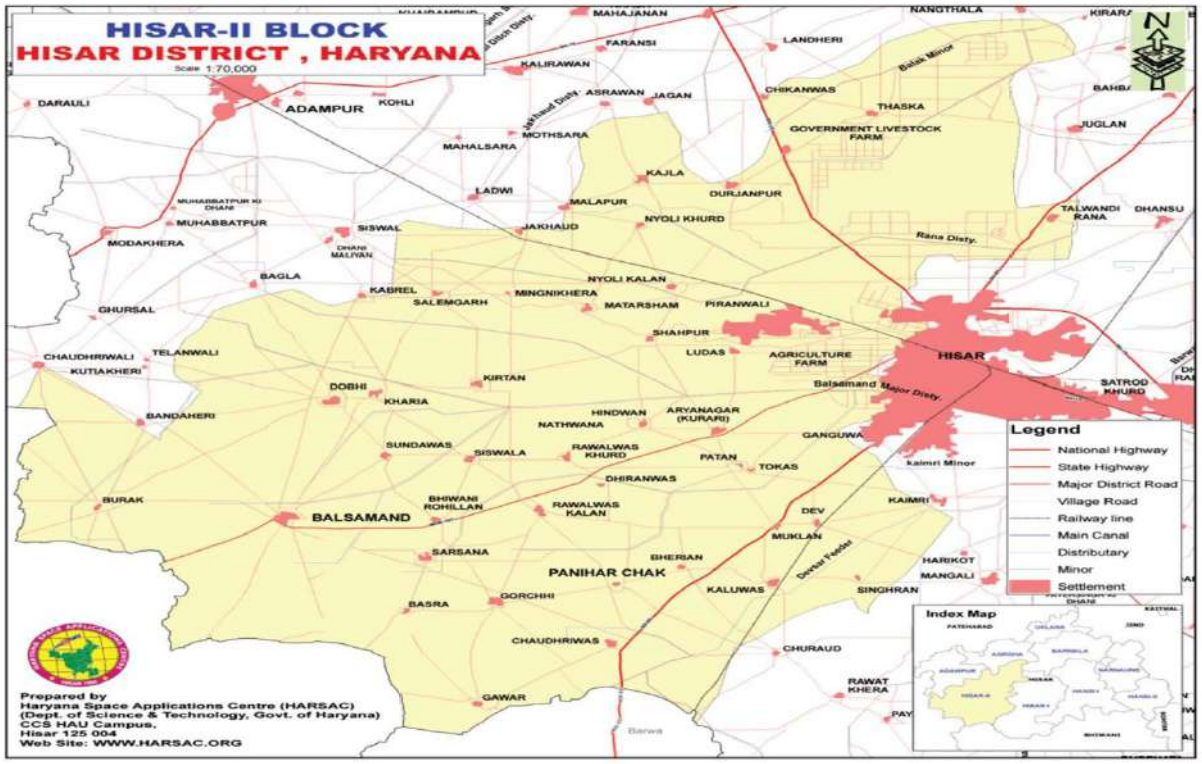
a. District Administrative Set-up

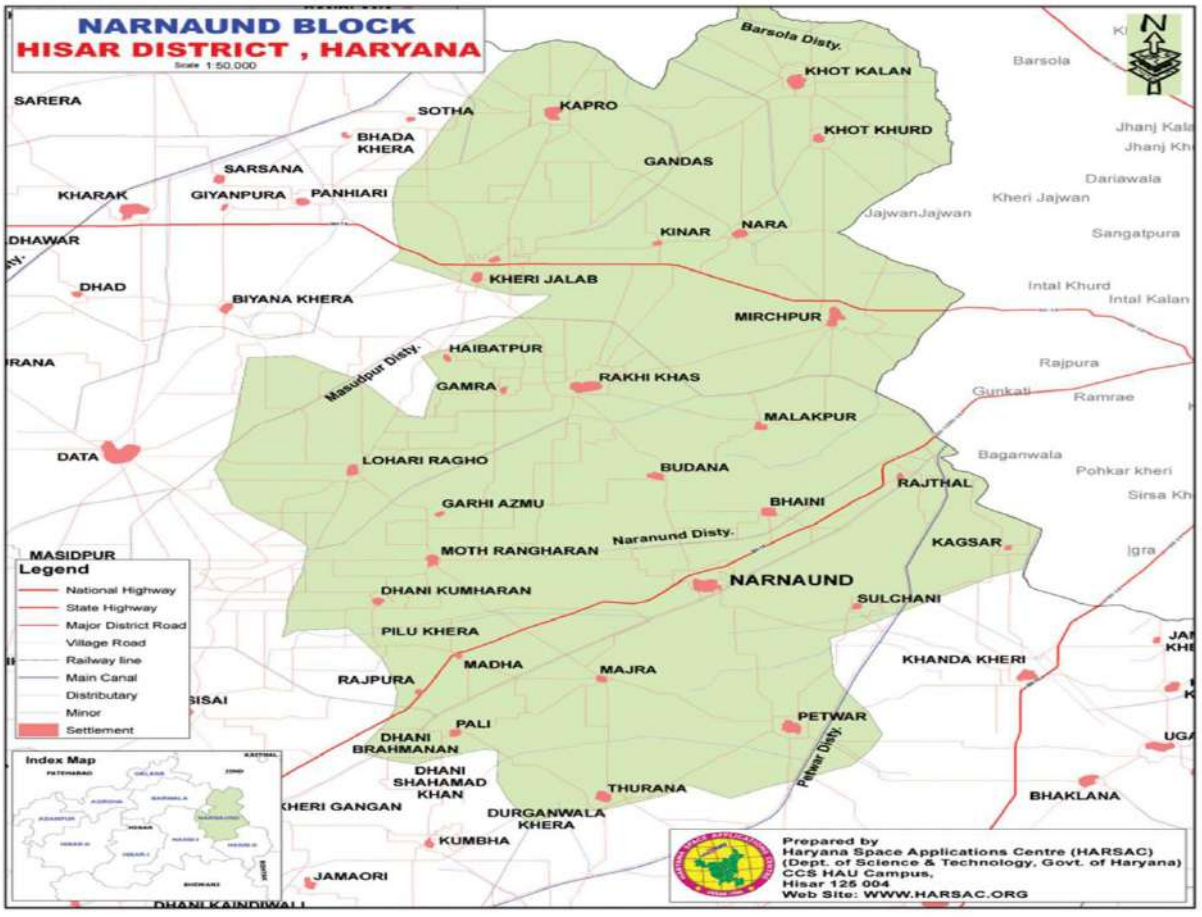
The district comprises of 303 villages. Hisar district is administratively divided as follow:

Table No.: 1.1 Administrative Divisions, Hisar

District	Sub Division	Tehsil	Sub Tehsil	Blocks
Hisar	1. Hisar 2. Hansi 3. Barwala 4. Narnaund	1. Hisar 2. Hansi 3. Narnaund 4. Adampur 5. Barwala 6. Bass	1. Uklana 2. Balsamand 3. KheriJalab (Chopta)	1. Hisar-I 2. Hisar-II 3. Hansi-I 4. Hansi-II 5. Narnaund 6. Uklana 7. Adampur 8. Barwala 9. Agroha




HISAR-II BLOCK
HISAR DISTRICT , HARYANA
Scale 1:70,000
ADAMPUR
HISAR
BALSAMAND
PANIHAR CHAK
Legend
National Highway
State Highway
Major District Road
Village Road
Railway line
Main Canal
Distributary
Minor
Settlement
Index Map
Prepared by
Haryana Space Applications Centre (HARSAC)
(Dept. of Science & Technology, Govt. of Haryana)
CCS HAU Campus,
Hisar 125 004
Web Site: WWW.HARSAC.ORG


NARNAUND BLOCK
HISAR DISTRICT , HARYANA
Scale 1:50,000
NARNAUND
Barsola Disty.
Naranund Disty.
Masudpur Disty.
Petwar Disty.
Legend
National Highway
State Highway
Major District Road
Village Road
Railway line
Main Canal
Distributary
Minor
Settlement
Index Map
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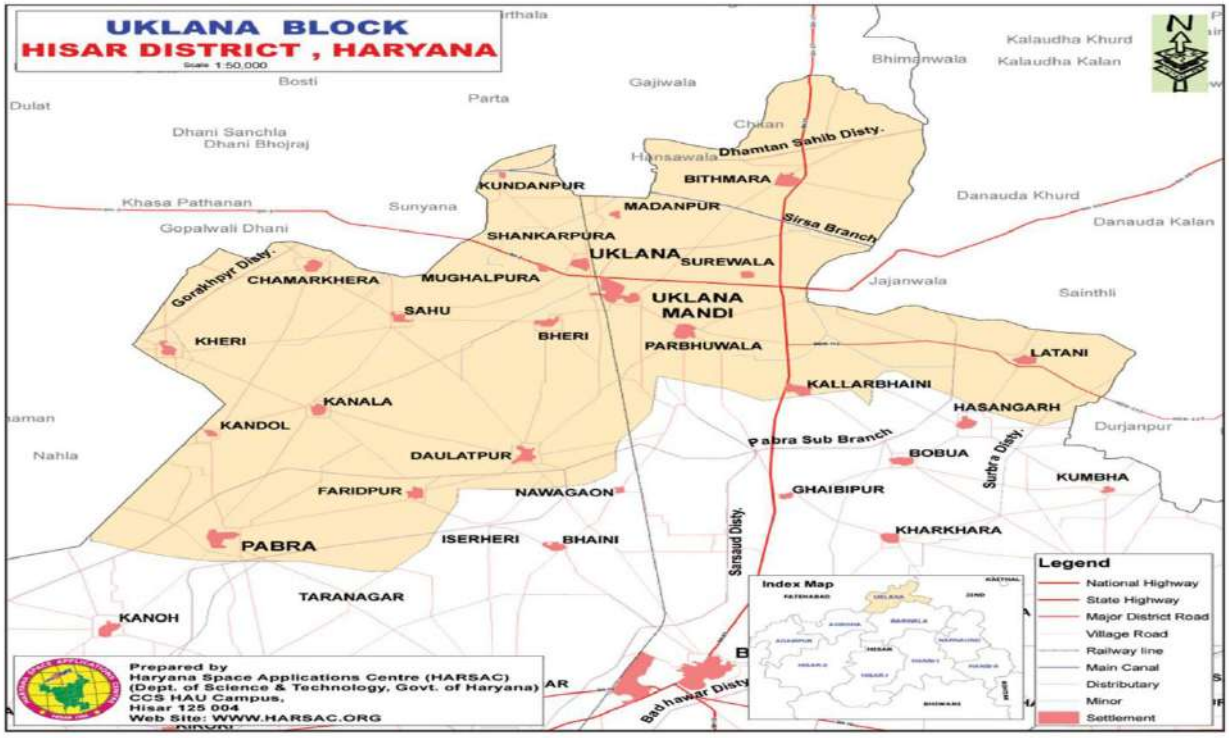
UKLANA BLOCK
HISAR DISTRICT , HARYANA
Scale 1:50,000
Bosti
Dulat
Parta
Gajiwala
Dhani Sanchla
Dhani Bhojraj
Hansawala
Dhamtan Sahib Disty.
KUNDANPUR
BITHMARA
Khasa Pathanan
Sunyana
MADANPUR
Sirsa Branch
Gopalwali Dhani
SHANKARPURA
UKLANA
SUREWALA
Gorakhpyr Disty.
CHAMARKHERA
MUGHALPURA
SAHU
UKLANA MANDI
KHERI
BHERI
PARBHUWALA
LATANI
KALLARBHAINI
KANALA
HASANGARH
KANDOL
Nahla
DAULATPUR
Pabra Sub Branch
BOBUA
Suthra Disty.
KUMBHA
FARIDPUR
NAWAGAON
GHAIBIPUR
PABRA
ISERHERI
BHAINI
KHARKHARA
Sarsaud Disty.
TARANAGAR
KANOH
Bhimanwala
Kalaudha Khurd
Kalaudha Kalan
Danauda Khurd
Danauda Kalan
Jajanwala
Sainthli
Durjanpur
Index Map
Legend
National Highway
State Highway
Major District Road
Village Road
Railway line
Main Canal
Distributary
Minor
Settlement
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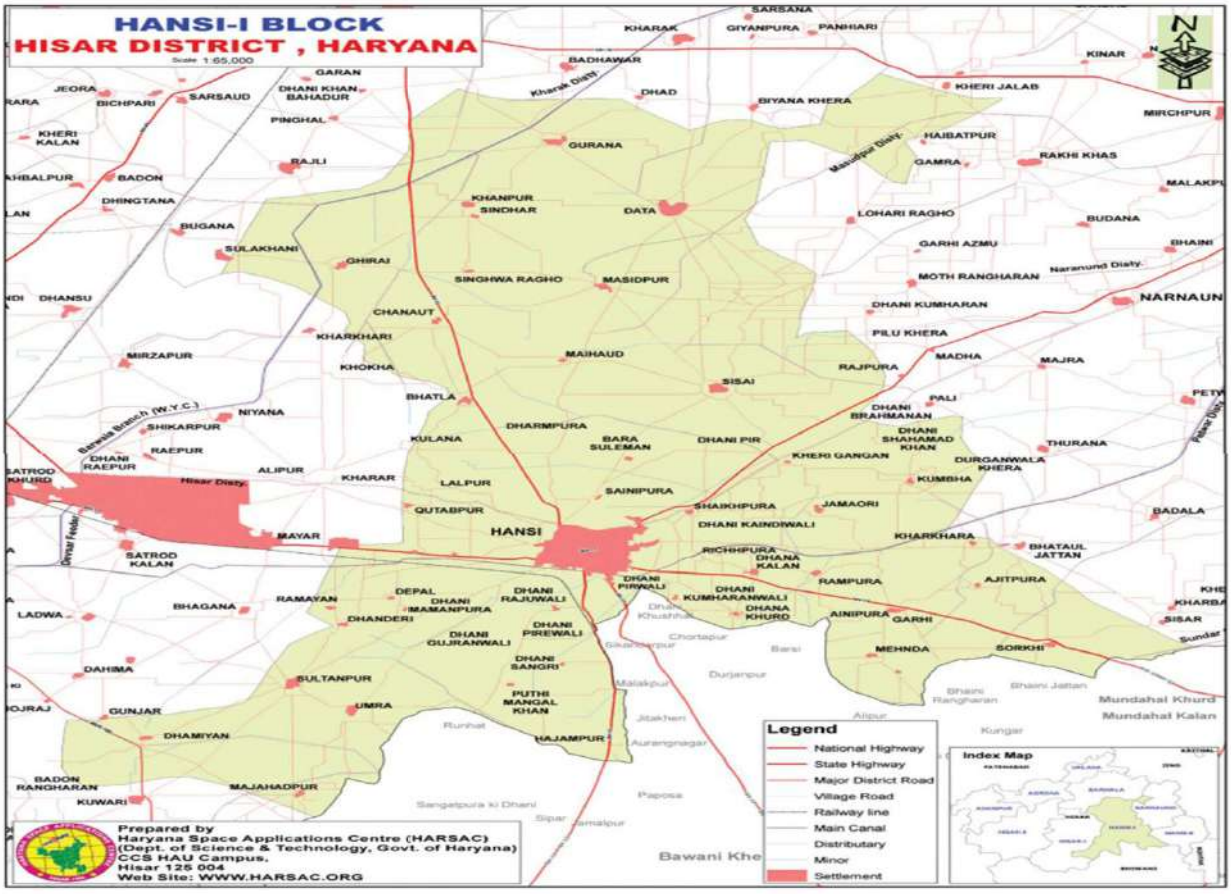
HANSI-I BLOCK
HISAR DISTRICT , HARYANA
Scale 1:55,000
SARSANA
KHARAK
GIYANPURA
PANHIARI
BADHAWAR
KINAR
KHERI JALAB
MIRCHPUR
BIYANA KHERA
HAIBATPUR
RAKHI KHAS
GAMRA
GURANA
LOHARI RAGHO
BUDANA
GARHI AZMU
BHAINI
MOTH RANGHARAN
NARNAUN
DHANI KUMHARAN
PILU KHERA
MADHA
MAJRA
RAJPURA
SISAI
PALI
DHANI BRAHMANAN
DHANI SHAHAMAD KHAN
THURANA
DURGANWALA KHERA
KHERI GANGAN
KUMBHA
BADALA
JAMAORI
KHARKHARA
BHATAUL JATTAN
AJITPURA
RAMPURA
DHANA KALAN
DHANI KUMHARANWALI
AINIPURA
GARHI
SISAR
MEHNDA
SORKHI
Mundahal Khurd
Mundahal Kalan
Bhaini Ranghran
Bhaini Jattan
Durjanpur
Malakpur
Jitakheri
Aurangnagar
Alipur
Kungar
Papsa
Bawani Khe
Legend
National Highway
State Highway
Major District Road
Village Road
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Main Canal
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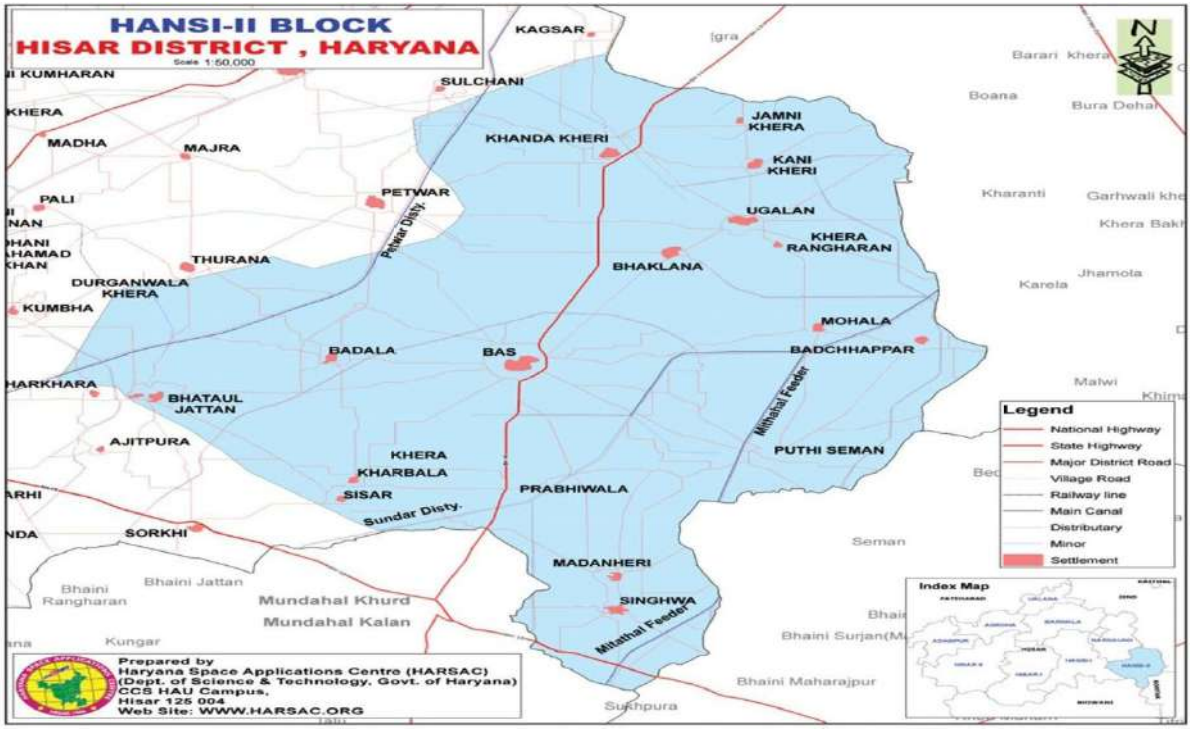
HANSI-II BLOCK
HISAR DISTRICT , HARYANA
Scale 1:50,000
KAGSAR
SULCHANI
KHANDA KHERI
JAMNI KHERA
KANI KHERI
UGALAN
KHERA RANGHARAN
BHAKLANA
PETWAR
Petwar Disty.
MADHA
MAJRA
PALI
THURANA
DURGANWALA KHERA
KUMBHA
BADALA
BAS
MOHALA
BADCHHAPPAR
Mithathal Feeder
BHATAUL JATTAN
AJITPURA
KHERA
KHARBALA
SISAR
PRABHIWALA
PUTHI SEMAN
Sundar Disty.
SORKHI
MADANHERI
SINGHWA
Mithathal Feeder
Bhaini Rangharan
Bhaini Jattan
Mundahal Khurd
Mundahal Kalan
Kungar
Bhaini Surjan
Bhaini Maharajpur
Sukhpura
Barari khera
Boana
Bura Dehal
Kharanti
Garhwali khe
Khera Bakh
Jhamola
Karela
Malwi
Seman
Legend
National Highway
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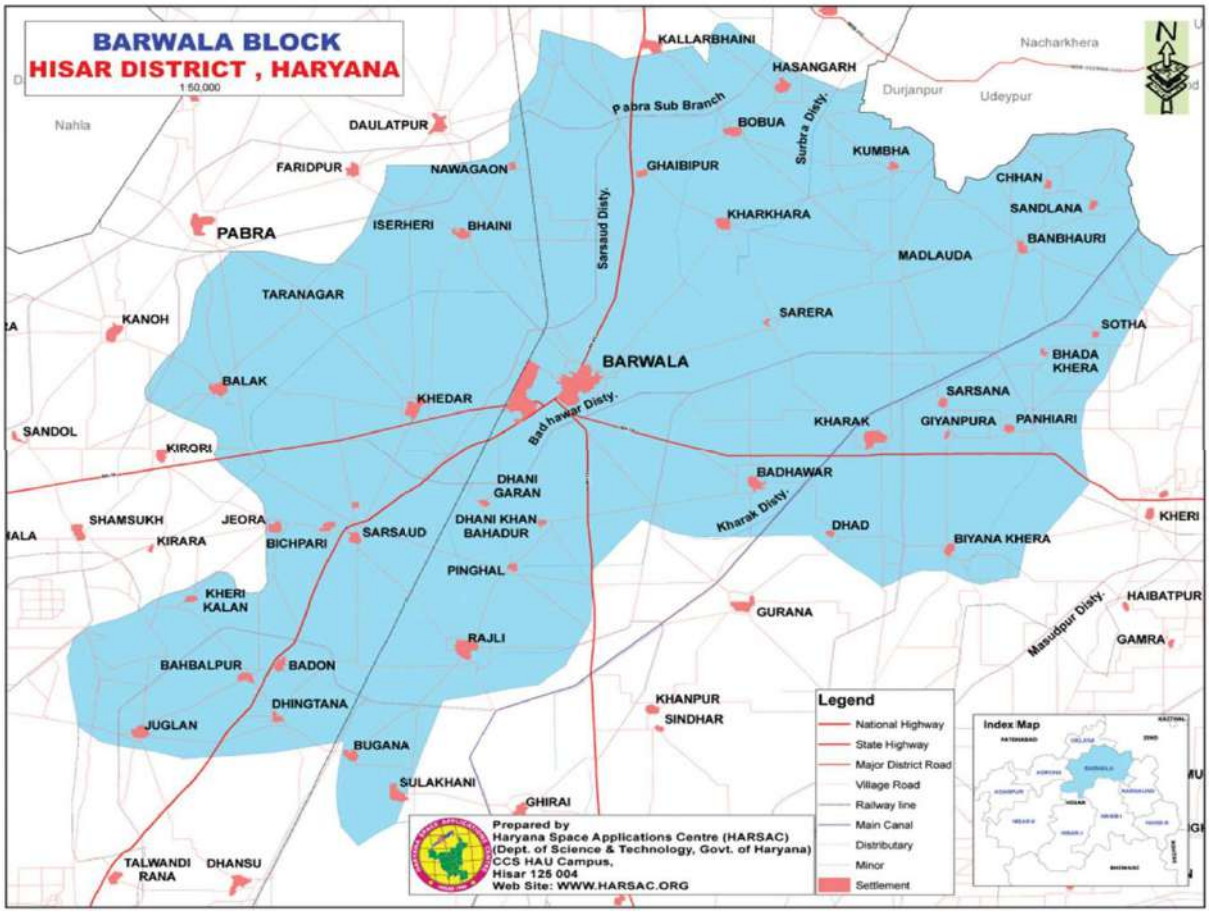
BARWALA BLOCK
HISAR DISTRICT , HARYANA
1:50,000
KALLARBHAINI
HASANGARH
Pabra Sub Branch
BOBUA
Surbra Disty.
KUMBHA
Nacharkhera
Durjanpur
Udeypur
Nahla
DAULATPUR
FARIDPUR
NAWAGAON
GHAIBIPUR
CHHAN
SANDLANA
PABRA
ISERHERI
BHAINI
Sarsaud Disty.
KHARKHARA
BANBHAURI
MADLAUDA
TARANAGAR
SAREERA
SOTHA
KANOH
BARWALA
BHADA KHERA
BALAK
KHEDAR
Badhawar Disty.
SARSANA
KHARAK
GIYANPURA
PANHIARI
SANDOL
KIRORI
BADHAWAR
DHANI GARAN
SHAMSUKH
JEORA
DHANI KHAN BAHADUR
Kharak Disty.
DHAD
KHERI
KIRARA
BICHPARI
SARSAUD
BIYANA KHERA
PINGHAL
KHERI KALAN
GURANA
HAIBATPUR
Masudpur Disty.
GAMRA
RAJLI
BAHBALPUR
BADON
DHINGTANA
KHANPUR
SINDHAR
JUGLAN
BUGANA
SULAKHANI
GHIRAI
TALWANDI RANA
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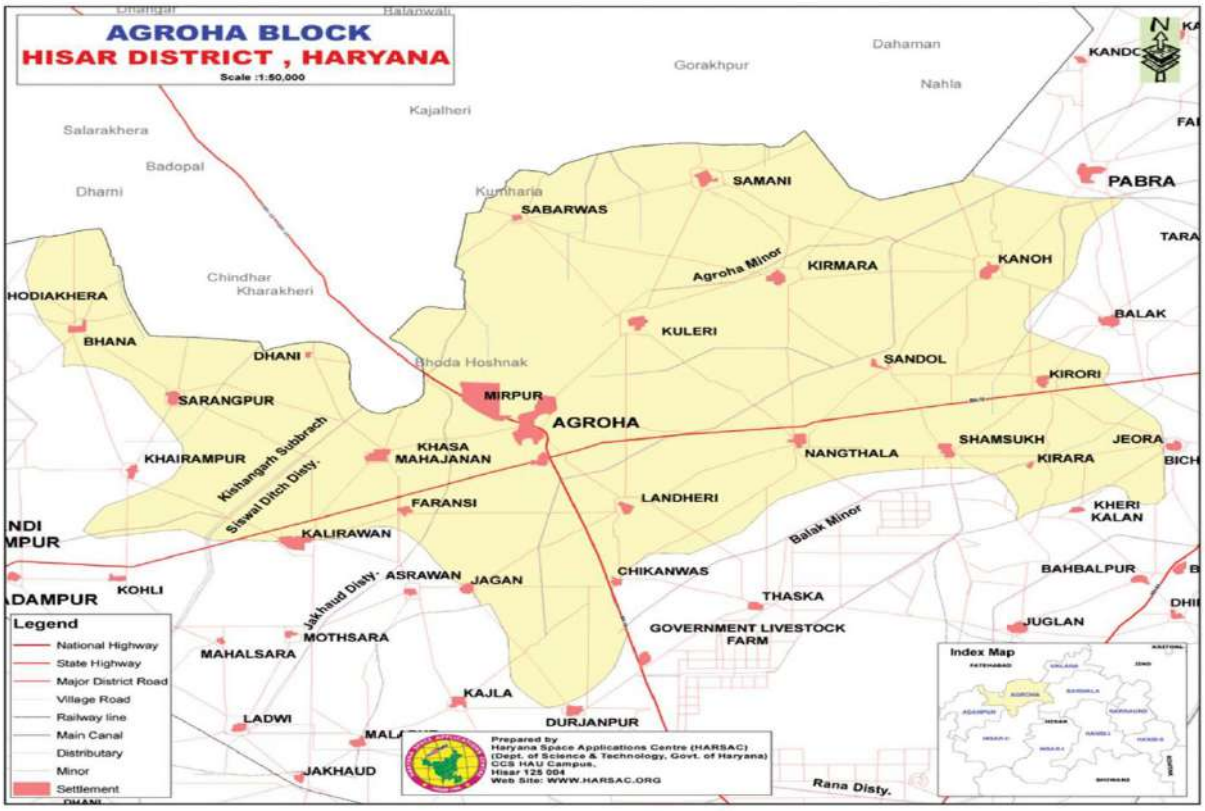
AGROHA BLOCK
HISAR DISTRICT , HARYANA
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Dahaman
Gorakhpur
Nahla
Kajalheri
Salarakhera
Badopal
Dharni
Kumharia
SAMANI
SABARWAS
PABRA
TARA
Agroha Minor
KIRMARA
KANOH
Chindhar
Kharakheri
HODIAKHERA
BHANA
DHANI
KULERI
BALAK
Bhoda Hoshnak
SANDOL
KIRORI
SARANGPUR
MIRPUR
AGROHA
KHAIRAMPUR
Kishangarh Subbrach
Siswal Ditch Disty.
KHASA MAHAJANAN
NANGTHALA
SHAMSUKH
KIRARA
JEORA
FARANSI
LANDHERI
KHERI KALAN
KALIRAWAN
Balak Minor
KOHLI
ASRAWAN
JAGAN
CHIKANWAS
BAHBALPUR
Jakhaud Disty.
THASKA
JUGLAN
MOTHSARA
GOVERNMENT LIVESTOCK FARM
MAHALSARA
KAJLA
LADWI
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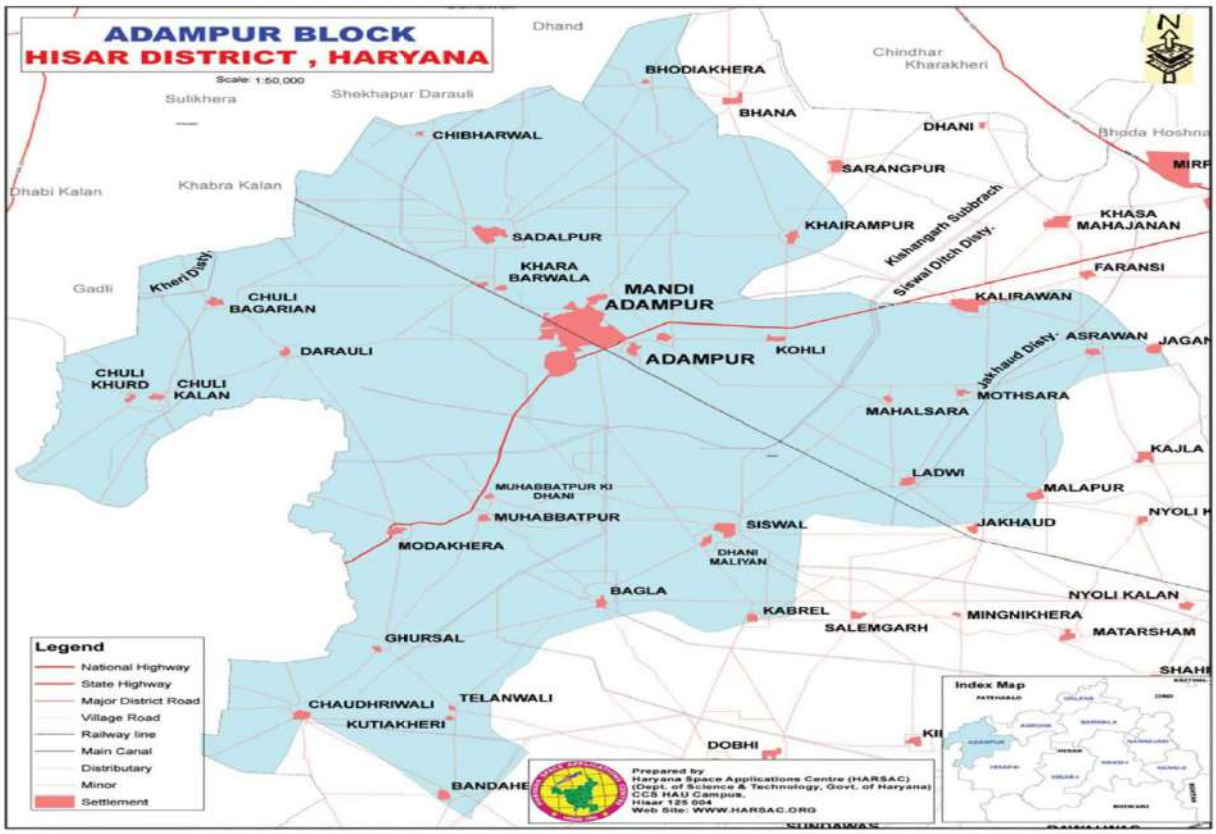
ADAMPUR BLOCK
HISAR DISTRICT , HARYANA
Scale: 1:50,000
Dhand
Chindhar
Kharakheri
Sulikhera
Shekhapur Darauli
BHODIAKHERA
BHANA
DHANI
CHIBHARWAL
SARANGPUR
Bhoda Hoshna
Dhabi Kalan
Khabra Kalan
KHAIRAMPUR
Kishangarh Subbrach
Siswal Ditch Disty.
KHASA MAHAJANAN
SADALPUR
KHARA BARWALA
Kheri Disty.
Gadli
MANDI ADAMPUR
FARANSI
CHULI BAGARIAN
KALIRAWAN
DARAULI
ADAMPUR
KOHLI
ASRAWAN
JAGAN
Jakhaud Disty.
CHULI KHURD
CHULI KALAN
MOTHSARA
MAHALSARA
KAJLA
LADWI
MALAPUR
MUHABBATPUR KI DHANI
MUHABBATPUR
SISWAL
JAKHAUD
MODAKHERA
DHANI MALIYAN
BAGLA
NYOLI KALAN
KABREL
MINGNIKHERA
SALEMGARH
MATARSHAM
GHURSAL
CHAUDHRIWALI
TELANWALI
KUTIAKHERI
DOBHI
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Hisar 125 004
Web Site: WWW.HARSAC.ORG

b. Local institutions

The district comprises of 8 Urban Local Bodies as enlisted below:

Sr.No.	Urban Local bodies
1	Municipal corporation, Hisar
2	Municipal Committee, Barwala
3	Municipal Committee,Uklana
4	Municipal Committee, Bass (State Government vide its notification dated 2.5,2022/1.7.2022 has de-notified MCBass.
5	Municipal Committee, Sisai (State Government vide its notification dated 2.5,2022/1.7.2022 has de-notified MC Sisai.)
6	Municipal Committee, Narnound
7	Municipal Council, Hansi
8	Municipal Committee, Adampur (Newly constituted and the process of setting up separate administration is in progress)

Besides these Hisar District has 303 Gram Panchayats.

c. Natural Resources

The District Hisar is not very rich District in terms of natural resources in terms of water and forest.The district has predominantly plain topography and is located 234 mts above mean sea level and having a gentle slope towards south-westerly direction. The district area falls in Yamuna sub-basin of Ganga basin. There is no natural drainage in the district area. However, the area is drained by network of canals and the artificial drains (field drains/channels). These artificial drains are mainly confined in Bass, Hansi-I, Narnaund and Barwala blocks. There are a total of 39 drains existing in the area, which run for a distance of 126.25 km.The are a isirrigated by shallow tube well sand network of Bhakra Canal Systems and Western Yamuna Canal Systems.

The main canals are the Fatehabad branch of Bhakra Canal, Barwala Branch,Balsamandh and Pabra Sub- branch of Barwala Link and Sirsa branch from Bhakra Main Line,Hisar major distributary and Deosar feeder of Western Yamuna canal System through Hansi branch.

d. Geography & Demography

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

e. Land Use Pattern:

Out of total geographical area of 4,04,000 hectare, 3,40,000 hectare is a cultivable area, 700 hectare is forest area, 37,500 hectare is under non-agricultural use, 7,000 hectare is barren and uncultivable land and 28,000 hectare is current fallows. 80.9% of the total geographical area of the district is covered with sandyloam soil.

f. Climate:

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

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

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

(i) Solid Waste Management

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

Sr.No.	Urban Local bodies	No of Wards	No of House holds	Solid Waste Generated per day(TPD)
1	Municipal corporation,Hisar	20	73705	180
2	Municipal Committee, Barwala	19	9140	38
	Municipal Committee, Uklana	13	6262	06
	Municipal Committee, Narnound	13	7352	22
3	Municipal Council, Hansi	27	38287	08

A. Municipal Corporation Hisar

a. Current status related to solid Waste management

Performa for the Compliance of District Environment Plan.							
Sr. No.	**Details to be Filled**	**Status**	**Status**	**Status**	**Status**	**Status**	**Remarks**
	Name of the ULB:	Hisar	Hansi	Barwala	Uklana	Narnaund	
	Name of the Nodal Officer:	Dr.Pardeep Kumar	Devender M.E	Deepak JhambS.I	Sandeep	Sh.Vasupal	
	Contact No:	8683068800	7015731824	9812905432	9305750000	9896998474	
1	**Total No. of Wards**	20	27	19	13	13	
2	**Total NO. of House holds**	73705	38287	9140	6262	7352	
3	**Total Waste Generated(in TPD)**	180	38	22	8	8	
4	**Door to Door Collection of solid waste**	Yes,initiated and Private Contract or is hired for the same	Yes,initiated and Private Contract or is hired for the same	Yes,initiated and Private Contract or is hired for the same	Yes,initiated and Private Contract or is hired for the same	Yes,initiated and Private Contract or is hired for the same	SVN Associates
4.1	Total No, of house holds covered under Door to Door Collection of solid waste	73705	38287	9140	6262	7352	100% House hold Covered
4.2	Total No. of wards covered under Door to Door Collection of solid waste	20	27	19	13	13	
4.3	% age of door to door collection of solid waste achieved	100	100	100%	100	100% Collectin	

4.4	Gap to achieve 100% Door to Door collection	No Gap,100% Door to Door collection	No Gap,100% Door to Door collection	No Gap,100% Door to Door collection	No Gap,100% Door to Door collection	No Gap,100% Door to Door collection	Already achieved
4.5	If there is gap,then Timeline to achieve 100% Door to Door collection	Already achieved	Already achieved	Already achieved	Already achieved	Already achieved	Already achieved
5	**Source Segregation of solid waste**						
5.1	Total No. of house holds covered under Source segregation of solid waste	73705	28715	9140	6262	Nil	
5.2	Total No. of wards covered under source Segregation of solid waste	20	27	19	13	Nil	
5.3	%age of source segregation of solid Waste achieved	100	75	75	75	Nil	
5.4	Gap to achieve 100% Segregation	No Gap,Target Achieved	25%	25	25	100 % Gap	
5.5	If there is gap,then Timeline to achieve 100% Segregation	No Gap,Target Achieved	31-12-2022	31-12-2022	31.03.2023	31.03.2023	
6.	**Litter Bins**						
6.1	**Tick the Correct and Provide the Details as required:-**						
6.1.1	*B in free Residential area Whether Litter Bins still exist in residential area	No	No	No	No	Yes	Residential areas are Litter Bins free
6.2	No. of Litter Bins required in Commercial places and public places (as per SBM Guidelines)	105Nos	30Nos	30Nos	30Nos	50Nos	
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	105Nos Mechanim : Compartmentalization with color scheme has been done by MC Hisar for wet & dry waste. Litter bins emptied on daily basisand garbage collected andtransportedat Dumpsite/ Processing site.	20Nos Litter bins emptied on daily basis and garbage collected and transported at Dump site/Processing site.	20Nos Litter bins emptied on daily basis and garbage collected and transported at Dump site/Processing site.	30Nos Litter bins emptied on daily basis and garbage collected and transported at Dump site/Processing site.	20Nos Mechanim : Compartmentalization with color scheme has been done by MC Hisar for wet & dry waste. Litter bins emptied on daily basisand garbage collected andtransportedat Dumpsite/ Processing site.	In Commercial places
7.	**Separate Transportation**						

7.1	No. of vehicles required for The collection and transportation of solid wastes	95Nos	32Nos	10Nos	7 Nos	5 Nos	
7.2	No. of vehicles available with the ULB for collection and transportation of solid waste along with percentage.	95 Nos	(32Nos) 100%	(7Nos)70%	(5Nos)70%	Nil	
7.3	Gap, if any	No Gap, Already achieved	No Gap, 100% Coverage	30%	30% Gap	100% Gap	
7.4	If there is gap, then Timeline to achieve the gap.	Completed	NA	31-03-2022	31-03-2022	31.03.2023	
7.5	No. of‘ compartment alized vehicles along with percentage.	95 Nos (100%)	32 Nos,100%	7 Nos,100%	(5 Nos) 70%	Nil	
7.6	Gap to achieve 100% compartment alized vehicles.	Already achieved	Already achieved	Already achieved	30% Gap	100% Gap	
7.7	If there is gap, then Timeline to Ref achieve 100% compartment alized vehicles.	No Gap, Already achieved	No Gap, 100% Coverage	No Gap, 100% compartmen t alized vehicles.	31-03-2022	31-03-2022	Already achieved
7.8	No.of vehicles with GPS for the collection and transportation of solid waste along with percentage.	95 (100%)	32 Nos, 100 %	7Nos,100%	5Nos,100%	Nil	
7.9	Gaps to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	Already achieved	Already achieved	Already achieved	Already achieved	100% Gap	
7.10	If there is gap,then Timeline to achieve 100% vehicles with GPS for the collection and transportation of solid waste.	No Gap, Already achieved	No Gap,100% Coverage	No Gap,100 % vehicles with GPS	No Gap,100 % vehicles with GPS	31-03-2022	Already achieved
8	**Solid Waste Processing**						
8.1	Total amount of solid waste generated with in the ULB	180 TPD	38 TPD	22 TPD	08 TPD	8TPD	
8.2	Quantity of wet waste generated (in TPD)	90TPD	21TPD	11TPD	4TPD	4TPD	
8.3	Quantity of dry waste generated (in TPD	72TPD	17TPD	10TPD	4TPD	4TPD	
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 by Rag Pickers and sent to authorizatio n waste recy cler Gemev iro. Pvt. ltd	Yes, Dry Waste segregated at Material Recovery facility by Rag Pickers and sent to authorizatio n waste recy cler Gemev iro. Pvt. ltd	Yes, Dry Waste segregated at Material Recovery facility by Rag Pickers and sent to authorization waste recy cler Gemev iro. Pvt. ltd	Yes, Dry Waste segregated at Material Recovery facility by Rag Pickers and sent to authorization waste recy cler Gemev iro. Pvt. ltd	No	
8.4.1	Quantity of dry Waste processed(in TPD)along with percentage	(38)52% Wet waste processed	(11TPD)64 % Wet waste processed	(6TPD)60% Wet waste processed	(2.5)60% Wet waste processed	Nil	
8.4.2	Gap in processing of Dry Waste.	48% Gap	36%Gap	40%gap	40%Gap	100%Gap	
8.4.3	If there is a Gap, then Timelines to Achieve 100% Processing of dry waste	31-03-2022	30.12.202 1	30.12.2021	31.03.2023	31.03.2023	
8.5	Construction of MRFs	0	0	0			

8.5.1	Number of MRFs required in MC.	15Nos	5Nos	4Nos	3Nos	1No	
8.5.2	How many MRFs are available with in the ULB	7 Nos	1Nos	1Nos	1Nos	Nil	**Details of MRF** 1. Madhuban Park 2. Near Mahatma Gandhi Park 3. Sector 14 Community center 4. Krantiman Park 5. Housing Board. 6. Satrod. 7. Auto market
8.5.3	Gap, if any	8Nos	4Nos	3Nos	2Nos	1No(100%)	
8.5.4	If there a Gap, then timelines to achieve the Gap	31.03.2023	30-12-2021	31-12-2021	31.03.2023	31.03.2023	
8.5.5	Capacity of available MRFs	6TPD Of Each MRF	4TPD MRF	3TPD MRF	4TPD MRF	Nil	42(7Nos)
8.6	Quantity of wet Waste processed (in TPD) along with percentage	(20TPD) 22 % wet waste processed	(4TPD)19% wet waste processed	(2TPD)18% wet waste processed	(1TPD)18% wet waste processed	Nil	**Details of Wet Processing Units.** 1. Madhuban Park 2. Near Mahatma Gandhi Park 3. Sector 14 Community center 4. Krantiman Park 5. Housing Board. 6. Satrod. 7 Auto market
8.6.1	Gap in processing of Wet waste.	78%	81%	82%	75%	100% Gap	
8.6.2	If there is a Gap, then Timeline to achieve 100% Processing of wet waste	31.03.2022	30.12.2021	31.03.2023	31.03.2023	31.03.2023	
8.6.3	Number of compost pits required for processing of total wet waste of ULB	300	100	40	60	20	
	Number of compost pits provided for processing of wet waste	181	50	20	20	Nil	
	Timelines for construction of remaining compost pits	31.03.2023	30.12.2021	30.12.2021	31.03.2023	31.03.2023	

8.6.4	Kindly mention any other mode for treatment of wet waste	Installing of OWC Machine	Windrow system	Windrow system	Windrow system	Windrow system	
8.7	Whether there is proposal to setup Integrated Scientific Solid Waste Management facility.	1Sanitary Landfill will be setup by 31.03.2022	1Sanitary Landfill will be setup by 31.03.2022	1Sanitary Landfill will be setup by 31.03.2022	1Sanitary Landfill will be setup by 31.03.2022	1Sanitary Landfill will be setup by 31.03.2022	
8.7.1	If yes mention timelines.	31.03.2023	31.03.2022	31.03.2022	31.03.2022	31.03.2023	
8.7.2	Month wise progress.	Will be submitted after notification	Will be submitted after notification	Will be submitted after notification	Will be submitted after notification	Will be submitted after notificatio n	
8.7.3	Status of issuance of authorization under SWM Rules-2016.	Will be submitted after notification	Will be submitted after notification	Will be submitted after notification	Will be submitted after notification	Will be submitted after notification	
8.8	Quantity of total solid waste processed (dry waste processing +wet waste processing) (inTPD) alongwith percentage.	58 TPD(32%)	15(11+4)TP D	14TPD(8+6)	3TPD(2+1)	Nil	
10	**C & D Waste**						
10.1	Quantity of C & D waste generated (in TPD)	7TPD	2TPD	1TPD	0.5TPD	0.51	
10.2	Mechanism for proper collection,transportation,processing and disposal Of C&D Waste.	Collection, transportati on, processing and disposal of C&D Waste done by MC.	Collection, transportati on, processing and disposal of C&D Waste done by MC.	Collection, transportatio n, processing and disposal of C&D Waste done by MC.	Collection, transportatio n, processing and disposal of C&D Waste done by MC.	No	
10.3	Whether separate site for storage of C&D waste has been identified of not.(If Yes, Kindly Mention the details of the site)	Yes, Satrod	Yes, Agroha Road	Yes, Agroha Road	Yes, Kundna pur Road	No	
10.4	If the storage site is identified, please as Confirm if it is notified	Notified	Notified	Notified	Notified	No	
10.5	Whether processing of C&D waste is done or not (If Yes, mechanism adopted For the same)	Not, Tendering process for new tender initiated.	Yes, A private contrac tor it to his own site.	Yes, A private contract or it to his own site.	Yes, A private contract or it to his own site.	No	
10.6	Details of machinery installed for Processing of C&D waste	Not,Tender ing process for new tender initiated.	Yes. A private contractor has been engaged and carries it to his tiles making plant.	Yes. A private contractor has been engaged and carries it to his tiles making plant.	Yes. A private contractor has been engaged and carries it to his tiles making plant.	No	

10.7	Kindly explainend use of recycled products generated from C_&_D Processing plant	Not,Tendering process for new tender initiated.	Crushed C&D waste used along with soil filling in road & Street Construction work in city and tiles making.	Crushed C&D waste used along with soil filling in road & Street Construction work in city and tiles making.	Crushed C&D waste used along with soil filling in road & Street Construction work in city and tiles making.	No	
10.8	Status of clearance of old dumping sites along the road side and water Bodies	No old dumping sites exist along with road side and water bodies.	No old dumping sites exist along with road side and water bodies.	No old dumping sites exist along with road side and water bodies.	No old dumping sites exist along with road side and water bodies.	No	
10.9	No. of approvals granted of waste management plans submitted by waste Generators before construction starts.	0	0	0	0	No	
11	**Plastic waste and other solid waste Challans**						
11.1	No. of recyclers registered	1	1	1	1	Nil	
11.2	No.of Challans issued (during the last three months)	28Nos	15	15	13	Nil	Due to Lockdown Less No. of Challan issued
11.2.1	No.of Challans issued for selling/ use of Plastic carry bags or single use plastic items by the shops / individuals	21Nos	7 Nos	7 Nos	5 Nos	Nil	
11.2.1.1	Amount of fine(in Rs.) imposed on the violators	245000	3500	3500	2500	Nil	
11.2.1.2	Amount of fine(in Rs.)collected from the violators	6500	1000	1000	1000	Nil	
11.2.2	No.of Challans issued for littering of plastic waste	3	0	0	0	Nil	
11.2.2.1	Amount of fine (inRs.) imposed on the violators	5460	0	0	0	Nil	
11.2.2.2	Amount of fine(in Rs.) collected from the violators	5460	0	0	0	Nil	
11.2.3	No.of Challans issued for burning of plastic waste	0	0	0	0	Nil	
11.2.3.1	Amount of fine (in Rs.) imposed on the violators	0	0	0	0	Nil	
11.2.3.2	Amount of fine(in Rs.)collected from the violators	0	0	0	0	Nil	
11.2.4	No.of Challans issued for littering of other solid waste	2	8	8	8	Nil	
11.2.4.1	Amount of fine(in Rs.)imposed on Lee s The violators	200	800	800	800	Nil	
11.2.4.2	Amount of fine(in Rs.)collected from the violators	200	300	300	300	Nil	
11.2.5	No.of Challans issued for burning of other solid waste	2	0	0	0	Nil	
11.2.5.1	Amount of fine(in Rs.)imposed on the violators	1000	0	0	0	Nil	

11.2.5.2	Amount of fine(in Rs.)collected from the violators	1000	0	0	0	Nil	
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)	14160	1300	1300	1300	Nil	
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 to100 kg solid waste/day.	63 5 58	12 1 11	4 1 3	4 1 3	Nil	
12.2	Quantity of solid waste generated by the identified BWGs(in TPD)		0.250to0.300	0.250 to 0.300	0.250to0.300	Nil	
12.3	Total No. of BWGs processing waste within their premises along with percentage.	7%wet waste processed	2%wet waste processed	1-2%wet waste processed	1-2%wet waste processed	Nil	
12.4	Total No. of BWGs processing waste outside their premises alongwith percentage	0	0	0	0	Nil	
12.4.2	Gap in 100% processing of waste by BWGs within or outside their Premises	93	98	100	100	NA as no BWG in MC Area	
12.4.3	If there is a Gap, then timeline to achieve 100% processing done by BWGs within or outside their premises	31.03.2023	30.12.2021	31.03.2023	30.12.2021	NA	
12.5	Recovery and fine/penalty mechanisms on those BWGs who are not processing the waste either within Their premises or outside their premises	0	0	0	0		
12.6	Amount of fine/penalty recovered(in Rs.)	0	0	0	0		
12.7	Kindly confirm whether BWGs have signed' an agreement with ULB (MC) for delivering of dry waste to MC with Suitable user charges	Yes	No	No	No	NA as no BWG in MC Area	
13	**Preventing solid waste from entering into water bodies**						
13.1	Detailed Information of Mechanism Adopted(wire-mesh,etc.)	Wire-mesh.,Gully Traps				All drainage system and sewerage system is totally covered by PHED. And the cleaning is done by PHED.	
13.2	Drains / nallahs within Municipal limits (Responsibility of Municipality/MC)	9		3	4	02Drain and 05Nallas	
13.2.1	Name of drains/nallahs where steps have been completed To prevent	List attached **(Annexture-1)**	Given in Chapter 4	Given in Chapter 4	Given in Chapter 4	Solid Waste is not entering in Nalla	

	Entering of solidwaste						
13.2.2	Name of drains / nallahs where steps have not been completed to prev Ent entering ofsolid waste	NA	NA	NA	NA	NA	
13.3	Drains/ nallahs — outside Municipal limits (Responsibility of Ruraldevelopment & Panchayat department	NA	NA	NA	NA	Nil	
13.3.1	Name of drains / nallahs where steps have been completed to prevent enteringof solid waste	NA	NA	NA	NA	Solid Waste is not entering in Nalla	
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 notifie d or not. (If Yes, kindly provide the Notification)	Yes	Yes	Yes	Yes	Yes	
14.2	No.of households where User Fee has been prescribed	73705	38287	9140	6262	7352	
14.3	No.of Wards where User Fee has been prescribed	20	27	19	13	13	
14.4	How much recovery is done and what: are the adopted mechanisms	205499 Ward wise is being collected through Mc Daroga.	Recovery in Process			10000 Ward wise is being collected through Mc Daroga.	
15	**Garbage Vulnerable Points (GVPs)**						
15.1	No.of GVPs Identified	26	12	3	3	1	
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 useful usages	26 After elimination of garbage vulnerable point (GVPs) Wall Painting was done and benches were placed .	12 After elimination of garbage vulnerable point (GVPs) Wall Painting was done and benches were placed	3 After elimination of garbage vulnerable point (GVPs) Wall Painting was done and benches were placed	3 After elimination of garbage vulnerable point (GVPs) Wall Painting was done and benches were placed	1 After elimination of garbage vulnerable point (GVPs) Wall Painting was done and benches were placed	
15.3	Timelines to remove the pending GVPs	Already Removed	Already Removed	Already Removed	Already Removed	Already Removed	
16	**Citizen Grievance Redressal**						
16.1	No. of complaints registered (in one month)	261	15	15	12	5	
16.2	No. of complaints redressed	261	15	15	12	5	
16.3	Action taken, if complaints are Not Redressed	NA	NA	NA	NA	NA	

17	**Legacy waste treatment**						
17.1	* Location and are a under legacy was te dump site * Quantity of legacy waste dumped at the dum psite(MT) °Status of boundary wall and green belt around the legacy waste dump site	In Front of Dhando or village Sirsa road. 13000MT Boundary wall Completed	Beed farm 13000 Inprogress and completed by 31.0 3.2022	Kharkda road 5400 Inprogress and completed by 31.0 3.2022	Uklana they 4900 Inprogress and completed by 31.0 3.2022	No Legacy Waste Nil NA	
17.2	Treatment of legacy waste * Steps taken for treatment of legacy waste and completion date of the project * Steps taken for treat me ntofleachate and final disposal of treated leachate	Legacy was tetreat ment is in Progres s 2 Turmoil' s in stalled at site. Electricity connection has been applied for starting of treatment process.	Tender Called and will be completed by 31.03.2022	Tender Called and will be completed by 31.03.2022	Tender Called and will be completed by 31.03.2022	NA	
17.3	Quantity of by- products recovered during treatment of legacy waste(MT), a) Soil enriched material b) RDF recovered c) C&D material recovered d) Inert material produced	0MT 0 0 0 0	0MT 0 0 0 0	0MT 0 0 0 0	0MT 0 0 0 0	0MT 0 0 0 0	
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, homecomposting, biogas generation, hand over segregated waste to waste pickers, payment of user fee etc. and number of participants participated in these awareness activities and workshops/trainings. Kindly provide details of such activities conducted during the last three months.	10 Door to door awareness campaign has been launched by Saksham Yuva. All collection vehicles are playing jingles for segregation of solidwaste .	3 Door to door awareness campaign has been launched by Saksham Yuva. All collection vehicles are playing jingles for segregation of solidwaste .	Door to door awareness campaign has been launched by Saksham Yuva. All collection vehicles are playing jingles for segregation of solidwaste .	3 Door to door awareness campaign has been launched by Saksham Yuva. All collection vehicles are playing jingles for segregation of solidwaste .	5 Door to door awareness campaign has been launched by Saksham Yuva. All collection vehicles are playing jingles for segregation of solidwaste .	
19	**On-site composting of horticulture waste in Parks & Institutions**						
19.1	No. of parks within Municipal limits	296		3	4	1	
19.1.1	No. of compostpits required in Parks.	200		8	8	5	

19.1.2	No. of compostpits provided in the parks	100		4	6	0	
19.1.3	Gap, if any	100		4	2	100%Gap	
19.1.4	Time lines to complete 100% parks with compostpits or any other mode of treatment of wet waste.	31.03.2023	31.03.2022	31.03.2022	31-03-2022	31-03-2022	
19.2	No. of Institutes in the city	16	08	3	3	5	
19.2.1	No. of institutes doing on site Composting	03	0	0	0	0	
19.2.2	Timelines to complete 100% institutes with compost pits or any other mode of treatment of wet waste	31.03.2023	30.12.2021	30.12.2021	30.12.2021	31-03-2022	

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	No gap, 100% Segregation of waste at source	To achieve segregation at source. Awareness programs, incentives, etc. may be considered **Monitoring committee has directed that 100% source segregation of solid waste to be achieved by the MC by 31.03.2023.**	MC Hisar	Already achieved
		No gap, 100% Segregation of waste at source	Will maintain and further improve the Existing System **Monitoring committee has directed that 100% source segregation of solid waste to be achieved by the MC by 31.03.2023.**	MC Hansi	Already achieved
		No gap, 100% Coverage	To achieve segregation at source. Awareness programs, incentives,etc. may be considered **Monitoring committee has directed that 100% source segregation of solid waste to be achieved by the MC by 31.03.2023.**	MC Barwala	Already achieved
		25% Area not covered	To achieve segregation at source. Awareness programs, incentives,etc.will be enhanced. **Monitoring committee has directed that 100%**	MC Uklana	31.03.2023

			source segregation of solid waste to be achieved by the MC by 31.03.2023.		
		100% Gap	To achieve segregation at source. Awareness programs,incentives, etc. will be initiated **Monitoring committee has directed that 100% source segregation of solid waste to be achieved by the MC by 31.03.2023.**	MC Narnaund	31-03-2023
2	**Sweeping**				
(i)	Manual Sweeping	No Gap, 100 % Length of the roads are covered for regular manual sweeping, There is No Gap in Man power 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 Household s. 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. Monitoring committee has directed that all the MC to be carry out manual sweeping twice in day time and once in night time in both the residential and commercial area. **MC Hisar shall also carryout mechanical sweeping of wide roads within MC area. Further, in compliance to order dated 3.12.2020 of**	MC Hisar	Already achieved

			Hon'ble National Green Tribunal in OA No. 283 of 2020 in the matter of R.S Virk Vs Central Pollution Control Board, utilization of treated wastewater of STPs may be utilized for sprinkling purposes before sweeping the roads to suppress the dust emissions.		
		No Gap,100% Length of the roads are covered for regular manual sweeping, There is No Gap in Man power for Sweeping Operation Equipment are available for sweeping operation i.e. Trollies, TryCycles ,etc.	Target Archived for Cleaningby: 1. Collection, Segregation, and Transportation of waste from Door to Door of Households. 2.Sweep inginitiated Twice in a day in Commercial area sand once in a day in residential areas. **Monitoring committee has directed that all the MC to carryout manual sweeping twice in day time and once in night time in both the residential and commercial area. MC Hansi also carryout mechanical sweeping of wide roads within MC area. Further, in compliance to order dated 3.12.2020 of Hon'ble National Green Tribunal in OA No. 283 of 2020**	MC Hansi	Already achieved

			in the matter of R.S Virk Vs Central Pollution Control Board, utilization of treated wastewater of STPs may be utilized for sprinkling purposes before sweeping the roads to suppress the dust emissions.		
		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,TryCycles , etc.	Target Archived for Cleaning by: 1.Collection, Segregation, and Transportation of waste from Door toDoor of Households. 2.Sweeping initiated Twice in a day in Commercial area sand once in a day in residential areas. Monitoring committee has directed that all the MC to be carryout manual sweeping twice in day time and once in night time in both the residential and commercial area. MC Hisar also carryout mechanical sweeping of wide roads within MC area. Further, in compliance to order dated 3.12.2020 of Hon'ble National	MC Barwala	Already achieved

			Green Tribunal in OA No. 283 of 2020 in the matter of R.S Virk Vs Central Pollution Control Board, utilization of treated wastewater of STPs may be utilized for sprinkling purposes before sweeping the roads to suppress the dust emissions.		
		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.Sweeping initiated Twice in a day in Commercial areas and once in a day in residential areas. Monitoring committee has directed that all the MC to be carryout manual sweeping twice in day time and once in night time in both the residential and commercial area. MC Hisar also carryout mechanical sweeping of wide roads within MC	MC Uklana	Already achieved

			area. Further, in compliance to order dated 3.12.2020 of Hon'ble National Green Tribunal in OA No. 283 of 2020 in the matter of R.S Virk Vs Central Pollution Control Board, utilization of treated waste water of STPs may be utilized for sprinkling purposes before sweeping the roads to suppress the dust emissions.		
		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.Sweeping initiated twice in a day in Commercial area sand once in a day in residential areas.	MC Narnaund	Already achieved
(ii)	Mechanical Road Sweeping & Collec tion	No Gap, Mechanical Sweeping initiated and is in Ope ration	Mechanical Sweeping of wide Roads Initiated in city by Truck Mounted m/c.	MC Hisar	Already achieved
		Mechanical Sweeping not required	100 % Length of the roads are covered for regular manual sweeping.	MC Hansi	NA

		Mechanical Sweeping not required	100 % Length of the roads are covered for regular manual sweeping.	MC Barwala	NA
		Mechanical Sweeping not required	100 % Length of the roads are covered for regular manual sweeping.	MC Uklana	NA
		Mechanical Sweeping not required	100 % Length of the roads are covered for regular manual sweeping. **Monitoring committee has directed that all the MC to be carryout manual sweeping twice in day time and once in night time in both the residential and commercial area. MC Hisar also carryout mechanical sweeping of wide roads within MC area. Further, in compliance to order dated 3.12.2020 of Hon'ble National Green Tribunal in OA No. 283 of 2020 in the matter of R.S Virk Vs Central Pollution Control Board, utilization of treated wastewater of STPs may be utilized for sprinkling purposes before sweeping the roads to suppress the dust emissions.**	MC Narnaund	
3	**Waste Collection**				
(i)	100% collection of solid waste	No gap, 100% collection of solid waste	Will maintain and further improve the existing system.	MC Hisar	Already achieved

		No Gap, 100% collection of solid waste	Will maintain and further improve the Existing System	MC Hansi	Already achieved
		No gap, 100% collection of solid waste	Will maintain and further improve the existing system.	MC Barwala	Already achieved
		No gap, 100% collection of solid waste	Will Maintain and further improve existing system.	MC Uklana	Already achieved
		100% Gap	5 Vehicles will be arranged.	MC Narnaund	31-03-2023
(ii)	Arrangement for door-to-door collection	No gap, 95 vehicles have been deployed for 100% of door-to-Door collection	Will maintain and further improve the existing system.	MC Hisar	Already achieved
		No gap, 32 vehicles have been deployed for 100% of door-to-Door collection	Will maintain and further improve the Existing System	MC Hansi	Already achieved
		No gap, 7 vehicles have been deployed for 100% of door-to-door collection	Will maintain and further improve the existing system.	MC Barwala	Already achieved
		No gap, 7 vehicles have been deployed for 100% of door-to-door collection	Will Maintain and further improve existing system.	MC Uklana	Already achieved

		100%Gap	5 Vehicles will be arranged. **Monitoring committee has directed that MC has provide adequate number of compartmentalized vehicles and deploy adequate number of waste pickers by 31.03.2023 and to be startcollecting door to door collection of Solid waste by 31.03.2023.**	MC Narnaund	31-03-2023
(iii)	Waste Collection trolleys with separate Compartments	No gap, 45 waste collection trolleys are arranged with separate compartment for solid waste collection from door to door.	Will maintain and further improve the existing system.	MC Hisar	Already achieved
		No gap, 32 waste collection trolleys are arranged with Separate compartment for solid waste collection from door to door.	Will maintain and further improve the Existing System	MC Hansi	Already achieved
		No gap, 7 waste collection trolleys are arranged with separate compartment for solid waste collection from door to door.	Will maintainaned further improve the existing system.	MC Barwala	Already achieved
		No gap, 7 waste collection trolleys are arranged with separate compartment for solid waste collection from door to door.	Will Maintain and further improve existing system.	MC Uklana	Already achieved

		100% Gap	5 Vehicles will be arranged. **Monitoring committee has directed that MC has provided adequate number of compartmentalized trolleys and mini collection trucks for collection of solid waste by 31.03.2023**	MC Narnaund	31-03-2023
(iv)	Mini Collection Trucks with separate compartments	No gap, 47 waste collection auto tippers are arranged With separate Compartment for solid waste collection & Segregation from door to door.	Will maintainand further improve the existing system.	MC Hisar	Already achieved
		No gap, 32 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 Hansi	Already achieved
		No gap, 3 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 Barwala	Already achieved
		No gap, 3 waste collection auto tippers are arranged with separate compartment for solid waste collection & Segregation From door to door.	Will Maintain and further improve existing system.	MC Uklana	Already achieved
		100% Gap	1 Mini Truck will be arranged.	MC Narnaund	31-03-2023

(v)	Waste Deposition Centers (for domestic hazardous wastes)	1 Deposition Centre Required, however Separate dustbin in all auto tippers.	1 No. of deposition center will be established. **Monitoring committee has directed that MC shall add 01 compartment with each of the door to door solid waste collecting vehicles for collection of domestic hazardous waste and 01 additional compartment at material recovery facility for storage of domestic hazardous w aste of each MC to be provided by 31.03.2023 Further, all the MC to make agreement with the hazardous waste disposal facility/common bio-medical waste treatment facility for collection and scientific disposal of hazardous waste/bio-medical waste collected at MRFs site on regular basis by 31.8.2022.**	MC Hisar	31-03-2023

		1 Deposition Centre Required, however Separate dustbin in all auto tippers.	1 No. of deposition center will be established. **Monitoring committee has directed that MC add 01 compartment with each of the door to door solid waste collecting vehicles for collection of domestic hazardous waste and 01 additional compartment at material recovery facility for storage of domestic hazardous waste of each MC to be provided by 31.03.2023 Further, all the MC to be make agreement with the hazardous waste disposal facility/common bio-medical waste treatment facility for collection and scientific disposal of hazardous waste/bio-medical waste collected at MRFs site on regular basis by 31.8.2022.**	MC Hansi	31-03-2023

		1 Deposition Centre Required, however Separate dustbin in all auto tippers.	1 No. of deposition center will be established. **Monitoring committee has directed that MC add 01 compartment with each of the door to door solid waste collecting vehicles for collection of domestic hazardous waste and 01 additional compartment at material recovery facility for storage of domestic hazardous waste of each MC to be provided by 31.03.2023 Further, all the MC to be make agreement with the hazardous waste disposal facility/common bio-medical waste treatment facility for collection and scientific disposal of hazardous waste/bio-medical waste collected at MRFs site on regular basis by 31.8.2022.**	MC Barwala	31-03-2023
		1 Deposition Centre Required, however Separate dustbin in all auto tippers.	1No.ofdepositionc enter will beestablished. **Monitoring committee has directed that MC**	MC Uklana	31-03-2023

			add 01 compartment with each of the door to door solid waste collecting vehicles for collection of domestic hazardous waste and 01 additional compartment at material recovery facility for storage of domestic hazardous waste of each MC to be provided by 31.03.2023 Further, all the MC to be make agreement with the hazardous waste disposal facility/common bio-medical waste treatment facility for collection and scientific disposal of hazardous waste/bio-medical waste collected at MRFs site on regular basis by 31.08.2022.		
4.	**Waste Transport**				
(i)	Review existing in frastructure for waste Transport.	No Gap, Fleets are adequate for transportation of waste	Will maintain and further improve the existing system.	MC Hisar	Already achieved
		No Gap, Fleets are adequate for transportation of Waste	Will maintain and further improve the existing system.	MC Hansi	Already achieved
		No Gap, Fleets are adequate for transportation of Waste	Will maintain and further improve the existing system.	MC Barwala	Already achieved
		1 Additional Fleet req uired	1 Additional Fleet will be arranged.	MC Uklana	Already achieved

		100% Gap	5 Vehicles will be arranged. **Monitoring committee has directed that the MC Narnaund shall provide adequate number of tractor trolleys and bulk waste trucks for transportation of solid waste by 31.03.2023.**	MC Narnaund	31.03.2023
(ii)	Bulk Waste Trucks	No Gap, 47 waste collection auto tippers are arranged with separate compartment for solid waste collection & Segregation from door to door.	Will maintainand further improve the existing system.	MC Hisar	Already achieved
		No Gap, 28 waste collection auto tippers are arranged with separate compartment for solid waste collection & Segregation from door to door.	Will maintainand further improve the existing system.	MC Hansi	Already achieved
		No Gap, 3 waste collection auto tippers are arranged with separate compartment for solid waste collection & Segregation from door to door.	Will maintainand further improve the existing system.	MC Barwala	Already achieved
		1 Additional Bulk Truck required	1 Additional Bulk Truck Will be arranged.	MC Uklana	Already achieved
		100% Gap	1 Bulk Truck will be arranged.	MC Narnaund	31-03-2023

(iii)	Waste Transfer points	Not applicable as No waste relay Point	Now as terelay Point **Monitoring committee has viewed that there is need to identify the existence of waste transfer points in MC area and in case, any waste transfer point is identified , the same to be secure by providing boundary wall and green bely by 31.03.2023 for aesthetic view to the public/passerby.**	MC Hisar	NA
		Not applicable as No waste relay Point	Now as terelay Point **Monitoring committee has viewed that there is need to identify the existence of waste transfer points in MC area and in case, any waste transfer point is identified , the same to be secure by providing boundary wall and green belt by 31.03.2023 for aesthetic view to the public/passerby.**	MC Hansi	NA
		Not applicable as Now as terelay Point	Now as terelay Point **Monitoring committee has viewed that there is need to identify the existence of waste transfer points in MC area and in case, any waste transfer point is identify , the same to be secure by providing boundary wall and green bely by 31.03.2023 for aesthetic view to the public/passerby.**	MC Barwala	NA

		Not applicable as Now as terelay Point	Now as terelay Point **Monitoring committee has viewed that there is need to identify the existence of waste transfer points in MC area and in case, any waste transfer point is identify, the same to be secure by providing boundary wall and green b by 31.03.2023 for aesthetic view to the public/passerby.**	MC Uklana	NA
		Not applicable as No waste relayPoint	Now as terelay Point **Monitoring committee has viewed that there is need to identify the existence of waste transfer points in MC area and in case, any waste transfer point is identify, the same to be secure by providing boundary wall and green belt by 31.03.2023 for aesthetic view to the public/passerby. transfer points in MC area and in case, any waste transfer point is identify, the same to be secure by providing boundary wall and green belt by 31.03.2023 for aesthetic view to the public/passerby.**	Narnaund	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)	63 bulk waste generators identified, out of which 58 Bulk waste generators do not dispose of waste in their premises.	Direction has been issued to this BWG for On site composting, if failure in this process then BWG will be penalized by MC. **Monitoring committee has directed that MC to pursue bulk waste generator existing within MC Area to provide compost pit of adequate capacity to manage wet waste in their premises by 31.03.2023.** **These bulk waste generators to be directed to make agreement with concerned MC for collection and management of Dry waste by 30.09.2022**.	BWGs (Hisar)	31.03.2023
		100% Gap, 12 Bulk waste generators do not dispose of their premises waste.	Direction has been issued to this BWG for On site composting, if failure in this process then BWG will be penalized by MC. **Monitoring committee has directed that MC to pursue bulk waste generator existing within MC Area to provide compost pit of adequate capacity to manage wet waste in their premises by 31.03.2023.** **These bulk waste generators to be directed to make agreement with**	BWGs (Hansi)	31.03.2023

			concerned MC for collection and management of Dry waste by 30.09.2022		
		100% Gap, 4 bulk waste generators do not dispose of their premises waste.	Direction has been issued to this BWG for On site composting, if failure in this process then BWG will be penalized by MC. **Monitoring committee has directed that MC to pursue bulk waste generator existing within MC Area to provide compost pit of adequate capacity to manage wet waste in their premises by 31.03.2023. These bulk waste generators to be directed to make agreement with concerned MC for collection and management of Dry waste by 30.09.2022**	BWGs (Barwala)	31.03.2023

		100% Gap, 4 bulk waste generators do not dispose of their premises waste.	Direction has been issued to this BWG for On site composting, if failure in this process then BWG will be penalized by MC. **Monitoring committee has directed that MC to pursue bulk waste generator existing within MC Area to provide compost pit of adequate capacity to manage wet waste in their premises by 31.03.2023.** **These bulk waste generators to be directed to make agreement with concerned MC for collection and management of Dry waste by 30.09.2022**	BWGs (Uklana)	31.03.2023
		NA as No BWG in MC Narnaund	NA as No BWG in MC Na rnaund **Monitoring committee has directed MC to pursue with bulk waste generator existing within MC Area to provide compost pit of adequate capacity to manage wet waste in their premises by 31.03.2023.** **Thesebulk waste generators to be directed to male agreement with concerned MC for collection and management of Dry waste by 30.09.2022**.	NA	NA

(ii)	Wet- waste Management: Facility(ies) for central Bio methanation /Composting of wet waste.	Additional 8 Nos of wet waste processing units is required to be established.	Additional 8 Nos of wet waste processing units will be established. **Monitoring committee has directed that MC to provide additional compost pits to manage 100% Wet waste generated by the MC by 31.03.2023 and MC maintain proper record, mentioning the quantity of wet waste put into the compost pits, quantity of manure produced from processing of wet waste, quantity of manure sold to the farmers and distributed free of cost among the society or utilized in the parks as manure.**	MC Hisar	31.03.2023

		Additional 1 No. of wet waste processing units is required to be established.	Already existing system will be maintained and 1 No. of new compostplant will be installed for processing of wet waste. **Monitoring committee has directed that MC to be provide additional compost pits to manage 100% Wet waste generated by the MC by 31.03.2023 and MC maintain proper record, mentioning the quantity of wet waste put into the compost pits, quantity of manure produced from processing of wet waste , quantity of manure sold to the farmers and distributed fee of cost among the society or utilized in the parks as manure.**	MC Hansi	31.03.2023

		Additional 1 No. of wet waste processing units is required to be established.	Already existing system will be maintained and 1 No. of new compostplant will be installed for processing of wet waste. **Monitoring committee has directed that MC to provide additional compost pits to manage 100% Wet waste generated by the MC by 31.03.2023 and MC maintain proper record, mentioning the quantity of wet waste put into the compost pits, quantity of manure produced from processing of wet waste , quantity of manure sold to the farmers and distributed fee of cost among the society or utilized in the parks as manure.**	MC Barwala	31.03.2023
		Additional 1 No.of wet waste processing units is required to be established.	Already existing system will be maintained and 1 No. of new compost plant will be installed for processing of wet waste. **Monitoring committee has directed that MC to be provide additional compost pits to manage 100% Wet waste**	MC Uklana	31.03.2023

			generated by the MC by 31.03.2023and MC maintain proper record, mentioning the quantity of wet waste put into the compost pits, quantity of manure produced from processing of wet waste , quantity of manure sold to the farmers and distributed fee of cost among the society or utilized in the parks as manure.		
		100% Gap, 1 No. of wet waste processing units is required to be established.	1 No. of new compostplant will be installed for processing of wet waste. **Monitoring committee has directed that MC shall provide additional compost pits to manage 100% Wet waste generated by the MC by 31.03.2023 and MC maintain proper record, mentioning the quantity of wet waste put into the compost pits, quantity of manure produced from processing of wet waste, quantity of manure sold to the farmers and distributed fee of cost among the society or utilized in the parks as manure.**	MC Narnaund	31.03.2023

(iii)	Dry- Waste Management: Material Recovery for dry-waste fraction	Additional 8 Nos of Material Recovery Facility is required to be established.	Additional 8 Nos of Material Recovery Facility will be established. Monitoring Committee directed to provide additional MRFs to manage 100% dry waste.	MC Hisar	31-03-2023
		4 Additional Material Recovery Facility is required to be established.	1 Nos Material Recovery Facility will be installed for processing of Dry waste.	MC Hansi	31.03.2023
		1 MRF is already there and Additional 1 Nos of Material Recovery Facility is required to Be established.	1 Nos Material Recovery Facility will be installed for processing of dry waste.	MC Barwala	31.03.2023
		1 MRF is already there and Additional 1 Nos of Material Recovery Facility is required to Be established.	1 Nos Material Recovery Facility will be installed for processing of dry waste.	MC Uklana	31.03.2023
		100% Gap, 1Nos of Material Recovery Facility is required to be established.	1 Nos Material Recovery Facility will be installed for processing of Dry waste.	MC Narnaund	31.03.2023
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	1 Sanitary land fill required.	1 Sanitary land fill will be developed. **Monitoring committee has directed that MC to be identify suitable land for sanitary landfill by 31.03.2023 and the sanitary landfill site to be develop scientifically by 31.03.2023.**	MC Hisar	31-09-2022

		1 Sanitary landfill required.	1 Sanitary landfill will be developed. **Monitoring committee has directed that MC to identify suitable land for sanitary landfill by 31.03.2023 and the sanitary landfill site to be develop scientifically by 31.03.2023.**	MC Hansi	31.03.2023
		1 Sanitary landfill required.	1 Sanitary landfill will be developed. **Monitoring committee has directed that MC to be identify suitable land for sanitary landfill by 31.03.2023 and the sanitary landfill site to be develop scientifically by 31.03.2023.**	MC Barwala	31.03.2023
		1 Sanitary landfill required.	1 Sanitary landfill will be developed. **Monitoring committee has directed that MC to be identify suitable land for sanitary landfill by 31.03.2023 and the sanitary landfill site to be develop scientifically by 31.03.2023.**	MC Uklana	31.03.2023

		1 Sanitary landfill required.	1 Sanitary landfill will be developed. **Monitoring committee has directed that MC to be identify suitable land for sanitary landfill by 31.03.2023 and the sanitary landfill site to be develop scientifically by 31.03.2023.**	MC Narnaund	31.03.2023
(v)	Remediation of historic/legacy dumpsite	Old dumpsite (130 000MT) is Existing and remediation work is in progress at dumpsite.	A. Waste processing plant of 2000 TPD capacity installed for processing of legacy waste. B. Contract for legacy waste processing is given to a private agency. C. 2 sets of turm oil have been provided and erected at dumpsite. **Monitoring committee has directed that all MC to remediate 100% of the legacy waste by 31.03.2023 and the byproducts namely bio soil, C& D waste, RDF and inert waste generated during remediation of legacy waste to be disposed of in an Environmentally sound manner.**	MC Hisar	31-03-2023

		Old dump site (13000MT) is existing and remediation work is in progress of dumpsite.	Tender called **Monitoring committee has directed that all MC to remediate 100% of the legacy waste by 31.03.2023 and the by products namely bio soil, C& D waste, RDF and inert wastegenerated during remediation**	MC Hansi	31-03-2023
			of legacy waste to be disposed of in an Environmentally sound manner.		
		Old dump site (5400MT) is existing and remediation work is in progress of dumpsite.	Tender called **Monitoring committee has directed that all MC to be remediate 100% of the legacy waste by 31.03.2023 and the byproducts namely bio soil, C& D waste, RDF and inert wastegenerated during remediation of legacy waste to be disposed of in an Environmentally sound manner.**	MC Barwala	31-03-2023

		Old dump site (5400MT) is existing and remediation work is in progress of dumpsite.	Tender called **Monitoring committee has directed that all MC to be remediate 100% of the legacy waste by 31.03.2023 and the byproducts namely bio soil, C& D waste, RDF and inert wastegenerated during remediation of legacy waste to be disposed of in an Environmentally sound manner.**	MC Uklana	31-03-2023

		No Old dump site	**Monitoring committee has directed that all MC shall remediate 100% of the legacy waste by 31.03.2023 and the by products namely bio soil, C& D waste, RDF and inert wastegenerated during remediation of legacy waste to be disposed of in an Environmentally sound manner.**	MC Narnaund	NA
(vi)	Involvement of NGOs	No Gap, 2 NGOs Already involved.	2 NGOs Already involved will be maintained. **The monitoring committee has directed that all the MC to identify NGO's/RWAs existing in their area by 31.03.2023 and NGOs and RWA to be involved in various activities of Solid Waste Management.**	MC Hisar	Already achieved
		No Gap, 2 NGOs Already involved.	2 NGOs Already involved will be maintained. **Monitoring committee has directed that all the MC to identify NGO's/RWAs existing in their area by 31.03.2023 and NGOs and RWA to be involved in various**	MC Hansi	Already achieved

			activities of Solid Waste Management.		
		No Gap, 2 NGOs Already inv olved.	2 NGOs Alreadyinvolved will bemaintained. **Monitoring committee has directed that all the MC to be indentify NGO's/RWAs existing in their area by 31.03.2023 and NGOs and RWA to be involved in various activities of Solid Waste Management.**	MCBarwala	Already achieved
		No Gap, 2 NGOsAlreadyinv olved.	2 NGOs Already involved will bemaintained. **Monitoring committee has directed that all the MC to be indentify NGO's/RWAs existing in their area by 31.03.2023 and NGOs and RWA to be involved in various activities of Solid Waste Management.**	MC Uklana	Already achieved
		No Gap, 2 NGOs Already involved.	2 NGOs Already involved will be maintained. **Monitoring committee has directed that all the MC to be indentify NGO's/RWAs existing in their area by 31.03.2023 and NGOs and RWA to be involved in various activities of Solid Waste**	MC Narnaund	Already achieved

			Management.		
(vii)		No Producer /Brand Owner Engaged. However one authorized recycler is engaged.	Producer /Brand Owner to be registered. However,some waste is going through Authori zed channel partner of EPR Brand Owners i.e. Lead Acid Batteries, Ewaste, Plastic Waste etc.		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, Ewa ste, Plastic Wasteet c. **Monitoring committee has directed that MC to identify producers/ brand owners by 31.03.2023 and plastic waste processing facility to be indentify by 31.10.2022 and those brand owners/producer to be pursed to make agreement with the plastic waste processingfacility by 30.10.2022 under extended producers responsibility and the MC to be start**	MC Hansi	NA

			sending plastic waste to the agency engaged by brand owners/producer with concurrence of brand owners producers by 31.03.2023		
		No Producer /BrandOwnerEngaged.	Producer /BrandOwner to beregistered. However,some waste is goingthrough Authorizedchannel partner ofEPRBrandOwners i.e. Lead AcidBatteries,Ewaste,PlasticWasteetc. **Monitoring committee has directed that MC to be identify producers/ brand owners by 31.03.2023 and plastic waste processing facility to be indentify by 31.10.2022 and those brand owners/producer to be pursed to make agreement with the plastic waste processing facility by 31.12.2022 under extended producers responsibility and the MC to be start sending plastic waste to the agency engaged by brand owners/ producer with concurrence of brand owners producers by**	MCBarwala	NA

			31.03.2023		
		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. **Monitoring committee has directed that MC to be identify producers/brand owners by 31.03.2023 and plastic waste processing facility to be indentify by 31.10.2022 and** those brand owners/producer to be pursed to make agreement with the plastic waste processing facility by 30.10.2022 **under extended producers responsibility and the MC to be start sending plastic waste to the agency engaged by brand owners/producer with concurrence of brand owners producers by 31.03.2023**	MC Uklana	NA

		No Producer /Brand Owner Engaged.	Producer /Brand Owner to beregistered. However, some waste is goingthrough Authorized channel partner of EPR Brand Owners i.e. Lead Acid Batteries, Ewaste, Plastic Waste etc.	MC Narnaund	NA
(viii)	Authorization of Waste Pickers	No Gap, 188 Rag Pickers were registered.	Existing system will be maintained.	MC Hisar	Already achieved
		No Gap, 37 Rag Pickers were registered.	Existing system will be maintained.	MC Hansi	Already achieved
		No Gap, 22 Rag Pickers were registered.	Existing system will be maintained.	MC Barwala	Already achieved
		No Gap, 28 Rag Pickers were registered.	Existing system will bemaintained.	MC Uklana	Already achieved
		No Gap, 10 Rag Pickers were registered.	Existing system will bemaintained.	MC Narnaund	Already achieved
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No Gap, Bye Laws already prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notif ied will be followed.	MC Hisar	Already achieved
		No Gap, Bye Laws already prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notifi ed will be followed.	MC Hansi	Already achieved

		No Gap, Bye Laws already prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Barwala	Already achieved
		No Gap, Bye Laws already prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Uklana	Already achieved
		No Gap, Bye Laws already prepared, notified and advertised as per SWM Rules 2016 and are being followed.	Bye Laws already prepared, notified will be followed.	MC Narnaund	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/MandalTehsils	09	225,651	1,190,443	65 MTD
2	Village/GramPanchayats	303	225,651	1,190,443	65 MTD

a. Statusand 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.	Adampur	28	122834	24567	7	21	31.12.2023
2.	Agroha	22	101193	20239	4	18	31.12.2023
3.	Barwala	41	158488	31698	2	39	31.12.2023
4.	Hansi-I	56	195728	39146	0	56	31.12.2023
5.	Hansi-II	19	75982	15196	0	19	31.12.2023
6.	Hisar-I	47	187907	37581	0	47	31.12.2023
7.	Hisar-II	42	168950	33790	5	37	31.12.2023
8.	Narnaund	30	122516	24503	0	30	31.12.2023
9.	Uklana	18	87896	17579	2	16	31.12.2023
	Total	**303**	**1221494**	**244299**	**20**	**283**	

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 Households in the Block	Status of Segregation		
					No. of villages where 100% achieved	No. of villages where 100% not achieved	Target date of completion where 100% not achieved
1.	Adampur	28	122834	24567	6	22	31.12.2023
2.	Agroha	22	101193	20239	5	17	31.12.2023
3.	Barwala	41	158488	31698	15	26	31.12.2023
4.	Hansi-I	56	195728	39146	10	46	31.12.2023
5.	Hansi-II	19	75982	15196	3	16	31.12.2023
6.	Hisar-I	47	187907	37581	7	40	31.12.2023
7.	Hisar-II	42	168950	33790	10	32	31.12.2023
8.	Narnaund	30	122516	24503	9	21	31.12.2023
9.	Uklana	18	87896	17579	6	12	31.12.2023
	Total	**303**	**1221494**	**244299**	**71**	**232**	

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.	Adampur	28	122834	24567	0	28	31.12.2023	Compost Pit
2.	Agroha	22	101193	20239	0	22	31.12.2023	Compost Pit
3.	Barwala	41	158488	31698	1	40	31.12.2023	Compost Pit
4.	Hansi-I	56	195728	39146	0	56	31.12.2023	Compost Pit
5.	Hansi-II	19	75982	15196	0	19	31.12.2023	Compost Pit
6.	Hisar-I	47	187907	37581	0	47	31.12.2023	Compost Pit
7.	Hisar-II	42	168950	33790	0	42	31.12.2023	Compost Pit
8.	Narnaund	30	122516	24503	0	30	31.12.2023	Compost Pit
9.	Uklana	18	87896	17579	0	18	31.12.2023	Compost Pit
	Total	**303**	**1221494**	**244299**	**1**	**303**		

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	StatusofTreatmentfordrywaste			
					No. of villages where 100 % achieved	No. of village s where 1 00% Not achie ved	Target dat e of complet ion where 10 0% not achieved	Action plan for dry waste manage ment
1.	Adampur	28	122834	24567	6	22	31.03.2023	Segregation Shed
2.	Agroha	22	101193	20239	5	17	31.03.2023	Segregation Shed
3.	Barwala	41	158488	31698	15	26	31.03.2023	Segregation Shed
4.	Hansi-I	56	195728	39146	10	46	31.03.2023	Segregation Shed
5.	Hansi-II	19	75982	15196	3	16	31.03.2023	Segregation Shed
6.	Hisar-I	47	187907	37581	7	40	31.03.2023	Segregation Shed
7.	Hisar-II	42	168950	33790	10	32	31.03.2023	Segregation Shed
8.	Narnaund	30	122516	24503	9	21	31.03.2023	Segregation Shed
9.	Uklana	18	87896	17579	6	12	31.03.2023	Segregation Shed
	Total	**303**	**1221494**	**244299**	**71**	**232**		

(ii) Plastic waste Management

(a) Current status related to Plastic waste management

9.	Plastic Waste Management	MC Hisar	MC Hansi	MC Barwala	MC Uklana	MC Narnound	Remark
9.1	Quantity of Plastic Waste (TPD)	13 TPD	3 TPD	2 TPD	1 TPD	0.004TPD	
9.2	No. of collection Centre required for plastic waste	15 Nos	4 Nos	4 Nos	4 Nos	1 Nos	
9.3	No. of collection Centre provided for Plastic waste	7 Nos	2 Nos	2 Nos	2 Nos	0 Nos	
9.4	Gap, if any	8 Nos.	2 Nos.	2 Nos.	2 Nos.	1 Nos	
9.5	If there a Gap, then timelines to achieve The Gap	31.03.2023	31.03.2023	31.03.2023	31.03.2023	31.03.2023	
9.6	Mechanism for collection for Plastic Waste	Manually segregated at Source at about 20% and remaining 80% segregated at the dumpsite. This segregated and un-segregated Plastic transported to disposal site.	Manually segregated at Source at about 20% and remaining 80% segregated at the dumpsite. This segregated and un-segregated Plastic transported to disposal site.	Manually segregated at Source at about 20% and remaining 80% segregated at the dumpsite. This segregated and un-segregated Plastic transported to disposal site.	Manually segregated at Source at about 20% and remaining 80% segregated at the dumpsite. This segregated and un-segregated Plastic transported to disposal site.	Manually segregated at Source at about 20% and remaining 80% segregated at the dumpsite. This segregated and un-segregated Plastic transported to disposal site.	
9.7	Mechanism for segregation for Plastic Waste	Manually segregated at Source at about 20% and remaining 80% segregated at the dumpsite.	Manually segregated at Source at about 20% and remaining 80% segregated at the dumpsite.	Manually segregated at Source at about 20% and remaining 80% segregated at the dumpsite.	Manually segregated at Source at about 20% and remaining 80% segregated at the dumpsite.	Manually segregated at Source at about 20% and remaining 80% segregated at the dumpsite.	
9.8	No. of rag pickers integrated	188 Nos	37 Nos	22 Nos	18 Nos	2 Nos	
9.9	Mechanism of scientific disposal of Plastic Waste	Dry Waste have mainly two Type plastic waste, One is Recyclable plastic waste which will be Dispose through HSPCB authorize recyclers and	Dry Waste have mainly two Type plastic waste, One is recyclable plastic	Dry Waste have mainly two Type plastic waste, One is recyclable plastic	Dry Waste have mainly two Type plastic waste, One is Recyclable plastic	Dry Waste have mainly two Type plastic waste, One is recyclable plastic	

		other non-recyclable will be used in road construction and repair in association with PWD and B&R.					
			waste which will be dispose through HSPCB authorize recyclers and other non-recyclable will be used in road construction and repair in association with PWD and B&R.	waste which will be dispose through HSPCB authorize recyclers and other non-recyclable will be used in road construction and repair in association with PWD and B&R	waste which will be dispose through HSPCB authorize recyclers and other non-recyclable will be used in road construction and repair in associa tion with PWD and B&R	waste which will be dispose through HSPCB authorize recyclers and other non-recyclable will be used in road construction and repair in association with PWD and B&R	
9.10	Quantity of Plastic Waste being disposal Scientifically (TPD)	0	0	0	0	0	
9.11	Quantity of Plastic Waste recycled (TPD)	0	0	0	0	0	
9.12	Quantity of Plastic Waste used for road construction (MT)	0	0	0	0	0	Inert , non recycle, single use plastic will be dispose of in road construction in association with PWD, B&R and other concerned agency from 31.03. 2023 onwards
9.13	QuantityofPlasticWaste usedfor incinerationincementplants(MT)	0	0	0	0	0	

9.14	No. of Producers, Importers, Brand-owners (PUBOs) engaged under extended Producer Responsibility (EPR)	About 30% plastic waste of lead acid batteries, electronic items is channelized through EPR of Producer to the recyclers.	About 30% plastic waste of lead acid batteries, electronic items is channelized through EPR of Producer to the recyclers	About 30% plastic waste of lead acid batteries, electronic items is channelized through EPR of Producer to the recyclers	About 30% plastic waste of lead acid batteries, electronic items is channelized through EPR of Producer to the recyclers.	About 30% plastic waste of lead acid batteries, electronic items is channelized through EPR of Producer to the recyclers	
9.15	No. of awareness activities conducted	15 event in a quarter which includes door to door awareness, Rally, through pamphlet, etc.	3 event in a quarter which includes door to door awareness, Rally, through pamphlet, etc.	3 event in a quarter which includes door to door awareness, Rally, through pamphlet, etc.	3 event in a quarter which includes door to door awareness, Rally, through pamphlet, etc.	3 event in a quarter which includes door to door awareness, Rally, through pamphlet, etc.	

(b) Identification of gaps and Action plan

S. No.	Action points for village panchayats/ blocks/ municipalities /corporations	Identification of gap	Action plan	Agencies Responsible	Target time for Compliance
1.	Door to Door collection of dry waste including PW	No Gap, 47 waste collection auto tippers are arranged with separate compartments for collection & Segregation of solid waste from door to door.	Existing System will be maintained and further improved.	MC Hisar	Already achieved
		No Gap, 6 waste collection auto tippers are arranged with separate compartments for collection & Segregation of solid waste from door to door.	Existing System will be maintained and further improved.	MC Hansi	Already achieved
		No Gap, 3 waste collection auto tippers are arranged with separate compartments for collection & Segregation of solid waste from door to door.	Existing System will be maintained and further improved.	MC Barwala	Already achieved
		No Gap, 2 waste collection auto tippers are arranged with separate compartments for collection & Segregation of solid waste from door to door.	Existing System will be maintained and further improved.	MC Uklana	Already achieved

		100%Gap	5 waste Collection auto tippers wil l be arranged with separate compartment fo rsolid Waste collection & disposal, from doorto door with otherwaste.	MC Narnaul nd	31.03.2023
2.	Facilitate organized collection of PW at Waste transfer point or Material Recovery Facility	100% Gap	Facility will be develo ped. **Monitoring committee has directed that MC to be provide adequate number of compartmentalized vehicle for door to door collection of dry waste including plastic waste and its transportation to the material recovery facilities.**	MCHisar	31.03.2023
		100% Gap	Facility will be devel oped. **Monitoring committee has directed that MC to be provide adequate number of compartmentalized vehicle for door to door collection of dry waste including plastic waste and its transportation to the material recovery facilities.**	MCHansi	31.03.2023
		100%Gap	Facility will be devel oped. **Monitoring committee has directed that MC shall provide adequate number of compartmentalized vehicle for door to door collection of dry waste including**	MCBarwala	31.03.2023

			plastic waste and its transportation to the material recovery facilities.		
		100% Gap	Facility will be developed. **Monitoring committee has directed that MC to be provide adequate number of compartmentalized vehicle for door to door collection of dry waste including plastic waste and its transportation to the material recovery facilities.**	MC Uklana	31.03.2023
		100% Gap	Facility will be developed. **Monitoring committee has directed that MC to be provide adequate number of compartmentalized vehicle for door to door collection of dry waste including plastic waste and its transportation to the material recovery facilities.**	MC Narnaund	31.03.2023
3.	PWcollectionCenters	8 New Collection Centres required for Collection and Segregation of Pastic waste.	8 New Collection Centres will be established for Collection and Segregation of Plastic waste. **Monitoring committee has directed that MC shall provide dedicated plastic waste collection center at MRF site by 31.03.2023**	MCHisar	31.03.2023

		2 New Collection Centres required for Collection and Segregation of Plastic waste	2 New Collection Centres will be established for Collection and Segregation of Plastic waste. **Monitoring committee has directed that MC shall provide dedicated plastic waste collection center at MRF site by 31.03.2023.**	MC Hansi	31.03.2023
		2 New Collection Centres required for Collection and Segregation of Plastic waste.	2 New Collection Centres will be established for Collection and Segregation of Plastic waste. **Monitoring committee has directed that MC shall provide dedicated plastic waste collection center at MRF site by 31.03.2023.**	MC Barwala	31.03.2023
		2 New Collection Centres required for Collection and Segregation of Plastic waste.	2 New Collection Centres will be established for Collection and Segregation of Plasticwaste. **Monitoring committee has directed that MC to be provide dedicated plastic waste collection center at MRF site by 31.03.2023.**	MC Uklana	31.03.2023
		1 New Collection Centre required for Collection and Segregation of Plastic waste.	1 New Collection Centre will be established for Collection and Segregation of Plastic waste. **Monitoring committee has directed that MC to be provide dedicated plastic waste collection center at MRF site by 31.03.2023.**	MC Narnaund	31.03.2023

4.	Awareness and education programs impleme ntation	No Gap, MC tries to use every event for IEC Activities such as women in a day Celebration, Independence Day.	Existing System will be maintained and further improved.	MC Hisar	Already achieved
		No Gap, MC tries to use every event for IEC Activities such as women in a day Celebration, Independence Day.	Existing System will be maintained and further improved.	MC Hansi	Already achieved
		No Gap, MC tries to use every event for IEC Activities such as womenin a day Celebration, Independence Day.	Existing System will be maintained and further improved	MC barwala	Already achieved
		No Gap, MC tries to use every event for IEC Activities such as women in a day Celebration, Independence Day.	Existing System willbe maintained andfurtherimproved.	MCUklana	Already achieved
		No Gap, MC tries to use every event for IEC Activities such as women in a day Celebration, Independence Day.	Existing System will be maintained and further improved.	MC Narnaund	Already achieved

5.	Access to Plastic Waste Disposal Facilities	No Gap, 47 waste collection auto tippers are arranged with separate compartment for solid waste collection & disposal, from door to door with other waste.	Existing System will be maintained and further improved. **Monitoring committee has directed that MC to be identify plastic waste processing facility within or outside state by 31.10.2022 and necessary agreement with plastic waste processing facility for processing of plastic waste to be made by MC by 31.03.2023**.	MC Hisar	Already achieved
		No Gap, 6 waste collection auto tippers are arranged with separate compartment for solid waste collection& disposal, from door to door with other waste	Existing System will be maintained andfurtherimproved. **Monitoring committee has directed that MC shall identify plastic waste processing facility within or outside state by 31.10.2022 and necessary agreement with plastic waste processing facility for processing of plastic waste to be made by MC by 31.03.2023**.	MC Hansi	Already achieved
		No Gap, 3 waste collection auto tippers are arranged with separate compartment for solid waste collection & disposal, from door to door with other waste.	Existing System will be maintained and further improved. **Monitoring committee has directed that MC shallidentify plastic waste processing facility within or outside state by 31.10.2022 and Necessary agreement with plastic waste processing facility for processing of plastic waste to be made by MC by 31.03.2023**.	MC Barwala	Already achieved

		No Gap, 2 waste collection auto tippers are arranged with separate compartment for solidwaste collection & disposal, from door to door with other waste.	Existing System will be maintained and further improved. **Monitoring committee has directed that MC shall identify plastic waste processing facility within or outside state by 31.10.2022 and necessary agreement with plastic waste processing facility for processing of plastic waste to be made by MC by 31.03.2023**.	MC Uklana	Already achieved
		100% Gap	5 waste collection auto tippers will be arranged with separate compartment for solid waste collection & disposal, from door to door with otherwaste. **Monitoring committee has directed that MC shall identify plastic waste processing facility within or outside state by 31.10.2022 and necessary agreement with plastic waste processing facility for processing of plastic waste to be made by MC by 31.03.2023**.	MC Narnaund	31.03.2023

For Villages/Blocks:-

a. Current status related to Plastic waste management

	Rural Local bodies	Plastic Waste Generated per day
1	Block/Taluk/MandalTehsils-	3
2	Village/ Gram Panchayats)	3

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.	Adampur	28	122834	24567	7	21	31.12.2023
2.	Agroha	22	101193	20239	4	18	31.12.2023
3.	Barwala	41	158488	31698	2	39	31.12.2023
4.	Hansi-I	56	195728	39146	0	56	31.12.2023
5.	Hansi-II	19	75982	15196	0	19	31.12.2023
6.	Hisar-I	47	187907	37581	0	47	31.12.2023
7.	Hisar-II	42	168950	33790	5	37	31.12.2023
8.	Narnaund	30	122516	24503	0	30	31.12.2023
9.	Uklana	18	87896	17579	2	16	31.12.2023
	Total	**303**	**1221494**	**244299**	**20**	**283**	

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 where100 % achieved	No. of villages where 100% not achieved	Target date of completion where 100% not achieved	
1.	Adampur	28	122834	24567	6	22	31.12.2023	Segregation Shed
2.	Agroha	22	101193	20239	5	17	31.12.2023	Segregation Shed
3.	Barwala	41	158488	31698	15	26	31.12.2023	Segregation Shed
4.	Hansi-I	56	195728	39146	10	46	31.12.2023	Segregation Shed
5.	Hansi-II	19	75982	15196	3	16	31.12.2023	Segregation Shed
6.	Hisar-I	47	187907	37581	7	40	31.12.2023	Segregation Shed
7.	Hisar-II	42	168950	33790	10	32	31.12.2023	Segregation Shed
8.	Narnaund	30	122516	24503	9	21	31.12.2023	Segregation Shed
9.	Uklana	18	87896	17579	6	12	31.12.2023	Segregation Shed
	Total	**303**	**1221494**	**244299**	**71**	**232**		

(iii) C &D Waste Management

a. Current status related to C&D waste management

Details of Data Requirement	Present Status MC Hisar	MC Hansi	MC Barwala	MC Uklana	MC Narnaund
Total C&D waste generation in MT per day (As per data from Municipal Corporations/ Municipalities)	7 TPD	2 TPD	1 TPD	0.5 TPD	0.5 TPD
Doesthe District has access to C&D waste recycling facility?	Yes, site is easily acessible	Yes, site is easily acessible	Yes, site is easily acessible	Yes, site is easily accessible	No, site will be Developed

b. Identification of gaps and Action plan

S.No.	Action points for blocks /town municipalities/ City corporations	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Arrangement For separate collection Of C&D waste to C&D waste deposition point.	No Gap, 1 site identified for C&D waste deposition 2.Tractor Trolley Is availablefor C&D waste collection & Transportation at deposition site	Will Maintain & Further improve The existing system. **Monitoring committee has directed that the MC to be develop C & D waste scientifically by 31.10.2022 and grinding machinery for grinding/ crushing of C & D waste to make C & D waste to be started sending for usage in paving blocks, lower layers of road pavements, rural Road etc by 31.01.2023.**	MC Hisar	Already achieved

		No Gap, 1 site identified for C&D waste deposition 2.Tractor Trolley Is availablefor C&D waste collection & Transportation at deposition site	Will Maintain & Further improve the existing System. **Monitoring committee has directed that the MC shall develop C&D waste scientifically by 31.10.2022 and grinding machinery for grinding/ crushing of C&D waste to make C&D waste to be started sending for usage in paving blocks, lower layers of road pavements, rural Road etc by 31.01.2023.**	MC Hansi	Already achieved
		No Gap, 1 site identified for C&D waste deposition 2.Tractor Trolley Is availablefor C&D waste collection & Transportation at deposition site	Will Maintain & Further improvethe Existing System. **Monitoring committee has directed that the MC to be develop C & D waste scientifically by 31.10.2022 and grinding machinery for grinding/ crushing of C & D waste to make C & D waste to be started sending for usage in paving blocks, lower layers of road pavements, rural Road etc by 31.01.2023.**	MC Barwala	Already achieved
		No Gap, 1 site identified for C&D waste deposition 2.Tractor Trolley Is availablefor C&D waste collection & Transportation at deposition site	Will Maintain& Further improve the existing System. **Monitoring committee has directed that the MC to be develop C & D waste scientifically by 31.10.2022 and**	MC Uklana	Already achieved

			grinding machinery for grinding/ crushing of C&D waste to make C&D waste to be started sending for usage in paving blocks, lower layers of road pavements, rural Road etc by 31.01.2023.		
		100%Gap	1. Site will be identified for C&D waste deposition 2. Separate vehicles will be arranged for C&D waste collection & Transportation at deposition site **Monitoring committee has directed that the MC shall develop C&D waste scientifically by 31.10.2022 and grinding machinery for grinding/ crushing of C&D waste to make C&D waste to be started sending for usage in paving blocks, lower layers of road pavements, rural Road etc by 31.01.2023.**	MC Narnaund	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. No BWG has been identified in city who generate more than 20 tons or more in one day or 300 tons per Month.	Will Maintain & Further Improve the existing System.	Mc Hisar	Already achived

		No Gap, As User feesof Rs.1000 /-per Trolley has been fixed For Colloction Of C&D waste. No BWG has been identified in city who generate more than 20 tons or more in one day or 300 tons Per Month.	Will Maintain & Further improve the existing System.	MC Hansi	Already achieved
		No Gap, As user fees of Rs.1000/- per Trolley has been fixed for Colloction of C&D waste. No BWG has been identified in city who generate more than 20 tons or more in one day or 300 Tons per Month.	Will Maintain & Further improvethe existing System.	MC Barwala	Already achieved
		No Gap, As User fees of Rs.1000/- per Trolley has been fixed for Collection of C&D waste. No BWG has been identified in City who generate more than 20 Tons or more in one day or 300 Tons per Month.	Will Maintain & Further improve the existing System.	MC Uklana	Already achieved
		No Gap, As user feesof Rs.1000/- Per Trolley has beenfixed for Collection of C&D waste. No BWG has Been identified in city who generate more than 20 tons or more in one day or 300 tons per Month.	Not applicable at this stage.	MC Narnaund	NA
3.	C& D recycling Facility	100%, C&D waste recycling facility isnotavailable	Tender Process has been initiated.	MC Hisar	31.03.2023

		100%, C&D Waste recycling facility is not available	Tender Process has been initiated.	MC Hansi	31.03.2023
		No Gap, As user fees of Rs.1000/- per Trolley has been fixed for Collection of C&D waste. No BWG has been identified in city who generate more than 20 tons or more in one day or 300 Tons per Month.	Will Maintain &Further improvethe existingSystem.	MCBarwala	Alreadyachieved
		100 %, C&D Waste recycling facility is not available	Tender Process has bee n initiated.	MC Uklana	31.03.2023
4.	Usage of recycled C&D wasteinnon-structural concrete, paving blocks, Lower layers of road pavements, colony and Rural roads	100%, C&D waste Facility is not available	Tender Processhas Been initiated. Municipality is Using C&D Waste for filling Of low-lying area.C&D Waste will be usedfortiles, bricksanddust Formation for Compensate to Requirement of construction Raw material.	MCHisar	31-01-2023
		100%,C&D waste recycling facility is not available	Tender Process has been initiated.	MC Barwala	31.03.2023
		100%, C&D Waste facility is not available	Tender Process has been initiated. Municipality is using C&D waste for filling of low-lying area. C&D waste will be used for tiles, bricks and dust formation for compensate to requirement of construction raw material.	MC Uklana	31-01-2023
5.	IEC on C&D waste management	No Gap,100% Coverage	1.By Advertisement in Local News Papers	MC Hisar	Already achieved

			2. Meeting with Contractor. 3. By Notice to Bulk waste generators.		
		No Gap	1. By Advertisement in Local News Papers 2. Meeting with Contractor. By Notice toBulk waste generators.	MC Hansi	Already achieved
		No Gap,100% Coverage	1.By Advertisement in Local News Papers 2.Meeting with Contractor. 3. By Notice to Bulk waste generators.	MC Barwala	Already achieved
		No Gap, 100% Coverage	1. By Advertisement in Local NewsPapers 2. Meeting with Contractor. By Notice to Bulk waste generators.	MC Uklana	Already achieved

(iv) Biomedical Waste Management

a. Current status related to BM waste management

In District Hisar, total 454 nos. Health Care Facilities (HCF's) are operational including bedded and non bedded facilities. From these HCF's total approx. 1.5 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 HisarDistrict 1 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 Hisar is transported, treatedand disposed of through the common facility M/s Synergy waste Management service, Located at Industrial Area, District-Hisar. The said facility has obtained the authorization under BMW Rules, 2016 and also obtained the required Consent to Operate as per requirement of Water Act 1974 and Air Act 1981. The common facility is having the updated and requiredmachinery i.e. Incinerator of 150 Kg per hour capacity, Autoclave of 25 Kg per batch and Shredder of 250 Kg per hour capacity for disposal of said biomedical waste generated. The said CBWTF is using BarCoding 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. The said 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 454 HCFs has trained their staffs, health care workers and others, involved in handling of bio medical waste at the time of induction and thereafter once in every year. The CBWTF as well as HCFs has established a Bar- Code System for bags or containers containing bio-medical waste to be sent out of the premises or place for any purpose. All the HCFs segregating their Biomedical waste at the source of generation as per the requirements of Biomedical Waste Management Rules, 2016. All the HCFs has implemented the segregation of liquid chemical waste at source and pre-treatment or neutralisation by using 10% Sodium hypo Chlorite solution; prior to mixing with other effluent generated from healthcare facilities. The healthcare facilities other than having terminal treatmentin the form of STP of PHED/HSVP/ULBs has installed their own waste water treatment plants as per CPCB norms. All the HCFs as well as CBWTFs are submitting Annual Reports by online mode.

Inventory of BMW in the District	**Quantity**
No. of HCFs authorized by SPCBs/ PCCs	454
No. of Common Biomedical Waste Treatmentand Disposal Facilities (CBWTFs)	1
CapacityofCBWTFs	Incinerator of 150 Kg per hour capacity, Autoclave of 25Kg per batch and Shredder of 250 Kg per hour capacity
No.of Deepburials for BMW if any	Nil
Quantity of biomedical waste generated per day	1.5TPD
Quantity of biomedical waste treated per day	1.5TPD

b. Identification of gaps and Action plan

S.No.	Action points	Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1.	Inventory and Identification of Healthcare Facilities	Inventorization & Identification of HCF hasal ready been done in District Hisar with having total 454 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 232312 in the District.	Identification of:- • Number of bedded and non-bedded Government and Private Health Care Facilities in the Districts • Number of Blood Banks, Clinical labs in the District • Veterinary Institution & Animal Husbandry • Listof Medical Institution Forensic Labs & RD labs,etc., **Monitoring committee has directed that identification process of HCFs to be completed by 31.03.2023.**	• Health Department • HSPCB • Animal Husbandry and Dairy Deptt.	The Inventorization of HCFs already done and further it is an on going process/activity.

2.	Adequacy of facilities to treat biomedical waste	There is no Gap as existing Common facility **M/s Synergy Waste Management Pvt Ltd,** In dustrial Area, Hisar is having adequate infrastructure and capacity for transportation, treatment and disposal of Approx. 1500 kg/day Bio Medical Waste is being generated from existing HCF's of Distt. Hisar.	• Setting up of a new Common BioMedical Waste Treatment Facility (CBWTF) consisting of Incinerator having residence time of 2 seconds, shredder with autoclaving 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.	• HSPCB • Deptt. Of Environment & Climate Change, Govt.Of Haryana • Health Department • CBWTF	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. Rest as per plan approved by State Government and consideration of Central Pollution Control Board guidelines for setting up of CBMWTFs, no fresh CBWTF can be established.

3.	Tracking of BMW	Barcoding system is implemented & adopted by HCFs partially i.e. by 300 No. of HCF out of total 454 existing and operational through out the district.	• Every HCF shall been 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 & Segregation at Source system adopted for Yellow, red, White and Blue containers with quanti fication of waste. • To verify the number of dedicated colle ction vehicles matching with the quantityof Bio Medical Waste quantity generati onand duration of travel. **Monitoring committee has directed that all the remaining 154 HCFs to adopt barcode system by 31.03.2023.**	• 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	Regular training and awareness progra ms are being and need to be conducted for healthcare staff dealing with Bio-Medical Waste in association with Health Department in existing HCF's.	Existing System will be Maintained and further strength ened	• HealthDepartment • HSPCB • Animal Husbandry and Dairy Deptt.	The training to health care workers is a on-going process and health camps on monthly basis will be organized for training/ sensitization and immunization will be carried out on Quarterly basis.

DISTRICT ENVIRONMENTMANAGEMENT PLAN, HISAR

5.	Adequacy of funds	No Gap, Adequate funds have been allocated to Government health care facilities for bio-medical waste management by State Govt.	Existing System will be Maintained and further strengthened	• Health Department • Animal Husbandry and Dairy, Deptt.	Already Achieved
6.	Complianceto RulesbyHCFsand CBWTFs	• To ensure that allthe HCF existingand operating inthe district shouldobtained priorAuthorization under BMW Rules2016 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 serviceprovider is using the dedicated collection vehicles equipped with GPS • All the HCFs except Veterinaryho spitals/ dispensary have	• 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 CBMWTFs portal **Monitoring committee has directed HSPCB to do surprise**	• HealthDepartment • HSPCB	• All 454 HCFsare having Valid Authorization under BMW.

		Obtained authorization under BMW Rules.	**inspection of HCFs to check the compliance of BMW Rules twice in a year and action against the defaulting HCFs to be taken as per the provisions of the said rules. Similarly surprise inspection of CBWTFs to be conducted on quarterly basis and in case of non compliances observed, action under the provisions of said Rules to be taken.**		
7.	District Level Monitoring Committee	The State Level Advisory Committee has already been constituted in the S tate for implementation of BMW Rules, 2016.	The District Level Monitoring Commi ttee comprising Chief Medical Officer, RO, HSPCBHisar, E.E Pub lic Health, E.E ULBs Hisar, Representative of Indian Medical Association, Representative of common bio- medical waste treatment facility under the Chairmanship of Deputy Commissioner, Hisar is working.	• Deputy Commissioner • Health Department • HSPCB • Animal Husbandry and Dairy Deptt.	To Conduct meeting of the District Level Monitoring Committee in a fixed interval.

8.	Waste water treatment	• Channelization and treatment of domestic effluent generating from HCF exisiting within MC area at terminal treatment facility installed by PHED/ HSVP/ULBS for 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	• Pre-treatment of the laboratory waste, micro biological waste, blood samples and blood bags through disinfection orsterilization on-site in the manneras prescribed by WHO or NACO. • All the bedded HCF which are generating waste bio medical effluent shall been 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. **The monitoring committee noted the submission made by the department and directed that ETPs by the remaining HCFs shall be provided by 31.03.2023.**	• HSPCB • PHED • HSVP • ULBs • HCF's	31.03.2023

(v) Hazardous Waste Management

a. Current status related to Hazardous waste management

Hisar District is known as steel city, for manufacture of steel and stainless steel products. There are approximate 254 large/ medium/ small scale industries existing in District Hisar and out of which 86 no. of industries are generating hazardouswaste and engaged mainly in processes of acid pickling/ scaling/ electroplating for metal surface treatment and finishing or a recycler/utilizer/actualuser of hazardous and other waste listed under Schedule-I, III & Schedule-IV of the rules and hence having potential of generation of hazardous waste under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

The ETP chemical sludge generated from 64 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 approximate 64 MT/Day generation of hazardous waste in the District including the used oil isbeing 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 there cyclable/ reprocessing hazardous waste and other waste generating from district Hisar can be safely disposed off. Out of these 228 recyclers 2 are located in Hisar District.

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

The hazardous and other waste generated as per Schedule-III & Schedule-IV of HoWM Rules, 2016, isbeing 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 whichare generating, handling, transporting, utilizing, recycling the hazardous and other waste required prior authorization from HSPCB.

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	• All the 86 no. of industries which are generating hazardous waste have made agreement it herwith 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 not filling annual returns regularly asper Form 3 & Form 4 of HoWM Rules, 2016 with HSPCB. • 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 need to be scientifically treated and disposed as perthe provisions of Hazardous and Other Wastes (M&TBM) Rule 2016 at ICHWTSDF.	• 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 & Form 4 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 under Water (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	• HSPCB • DIC	• The Inventorization of hazardous waste generating units already done and the same is ongoing Process/ activity • The fresh process of Inventorization will be completed in next 03 months with the help of concerned stakeholders. • The inventories of all waste/used oil generators will be completed within 01 year. • The authorization for hazardous waste generating units will be reviewed and granted within 06 month time. • The status of CTO to hazardous waste generating units requiring CTO will be reviewed and covered under the ambit of Consent Management within 01 year. • The execution of agreement by the various hazardous waste units with ICHWTSDF or a recycler /utilize facility will be reviewed and compliance will be ensured within 01-year time.

			Hazardouswaste. **Monitoring committee has directed that surprise inspection of all the hazardous waste generating units to be conducted twice in a year and action against the defaulting industries to be taken as per provisions of HWM Rules, 2016.**		• Insurance of the Submission of annual returns in Form 3 & Form 4 by industries generating Haz. Waste within 06 months time. • Online Verification of manifest supplied by ICHWTSDF Facility and authorized recycler within 01 Year.
2.	Establishment of collection centers	No gap, as all the units which are generating hazardous waste and having agreement with common TSDF are in easy and direct approach of dedicated transporting vehicles of service provider and hence linked to CommonTSDFs.	Haz. Waste is stored tempo rarily within the premises of unit generating it self in as e parateleachate proof hazardous waste Storage room.	• HSPCB • ICHWTSDF	N.A.
3.	Training of workers involved in handling/ recycling/ disposal of HW	Training need to be conducted.	Training programs shall be conducted to train the workers on safety aspects who are working in facilities/ Industries engaged in handling/ recycling/ pre-processing of hazardous waste in association with Department of Industries as per provisions under HOWM Rules, 2016 **Monitoring committee has directed that the number of workers to whom training was imparted in the last 03 months for scientific disposal of hazardous waste and further planning and its frequency to provide trainings to the workers on the said issue to be mentioned**.	• HSPCB • DIC	Training programmes shall be conducted within 06 months.

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.	• HSPCB • ICHWTSDF	Already achieved.
5.	Contaminated Sites	No Contaminated Site available within the district.	Existing system will be maintained.	• HSPCB	NA

(v) E-Waste Management

a. Current status related to E-waste management

The District is having bulk consumers of E-waste in terms of Govt. offices, banks, educational institutes and industries. The E-waste generated from households in the District is now channelized and started disposing of through authorized recycler/dismantler. The legacy E-waste as on the date of issuance of the E-waste Rules not available. Presently in the District there is one 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-Wastein MT/year	0.5TP/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	1

b. Identification of gaps and action plan:

S. No.	**Action points**	**Gaps in implementat ion**	**Action Plan**	**Responsible a gency**	**Timeline for completio n Of action plan**
1	Inventory/ Genertion of E-Waste / Bulk-waste generators	100% Gap In Inventorization of bulk waste generators of E-Waste.	• Inventorization of bulk waste generators shall be done with the help of local administration and Municipal Corporation, Hisar. • Channelization of E-waste to registered recycler/dismantler/ refurbisher available through out the state for safe disposal and recovery of material after recycling.	• HSPCB • ULBs, Hisar	• Inventorization of bulk waste generators shall be complete d 31.03.2023. • Channelization of E-waste to registered recycler/ dismantler/ refurbisher shall be completed by 31.03.2023.
2	E-Waste collection points	Out of 07 MCs the 01 no. MC i.e. MC, Hisar has setup a collection centre	Installation of E- Waste collection points/ centers in villages- Blocks /towns /cities in association with	• HSPCB • ULBs, Hisar • BDPO/DDP O	31.03.2023.

		And there is a gap of setting up of collection centers in rest of 06 MCs. Also out of 07 no. of village blocks available in District Hisar, none has established such e-waste collection centre.	District administration Producers their Pre-processors, Recyclers. Installation of E- Waste collection points/centers in remaining 06 no. of MCs 07 no. of village blocks need to be done by respective MCs and BDPO/DDPO **Monitoring committee has directed that the inventory of E waste generators to be completed by 31.10.2022**		
3	Linkage among Stakeholders to channelize E-Waste	100% Gap, District administration need to collect information on collection center s established by Producers /PROs. Administrati on need also to identify authorized E-Waste recyclersin the district or in State to channelize E-waste collected in District.	• To collect information about collection centers with the help of local administration, ULBs, Hisar and Producers /PROs and further linkage with registered E-Waste recycler/ dismantler/refurbisher for channelization of E-Waste. **Monitoring committee has directed that authorized agency engaged in recycling/ dismantled/ processing of E waste to be identify by 31.03.2023 and agreement with the authorized agency to be made by Stakeholders MC by 31.10.2022 and E waste generated in MC Area and collected at E waste Collection Point by Each MC to be started sending to the authorized agency by 30.10.2022.**	• ULBs, Hisar • HSPCB	• Linkage among Stakeholders tochannelize E-Waste shall be completed by 31.03.2023.

4	Regulation of Illegal E- Waste recycling /dismantling	No Gap, As there is no such Illegal E-Waste recycling /dismantling facilities existing in district Hisar.	No Gap, however regularvigilisbeingtakenfor such activities. **Monitoring committee has directed that the MC shall identify informal sector existing within MC area by 31.03.2023 and the same to be integrated by 31.10.2022.**	• HSPCB • ULBs, Hisar	• Regularchecking/ inspection of field in association with stakeholders.
5	Integration of informal sector	100% Gap, As nome chanisme xistsforbringingin formal sectorinto main stream in collection and recycling of E-Waste	• Identification of group ofinformal sector viz. RagPickers, Electronic/Electrical Repair Shops involved incollection of E- Waste and channelization of the same in to main stream with the help of local administration and ULBs, Hisar.	• HSPCB • ULBs, Hisar	• Integration of informal sector shall be completed by 31.03.2023.
6	Awareness and Education	100% Gap.	• Conducting of special workshops and awareness campaigns through Producers/PROs • Dissemination of information about collection centres established in the District website. **The monitoring committee has directed that all the concerned departments to prepare the list of NGOs /RWAs/institutions and conduct IEC activities involving the said organizations on regular basis.**	• HSPCB • ULBs, Hisar • DIO,Hisar	• Regular activity.

CHAPTER-3 AIR QUALITY MANAGEMENT

Air Quality Management

The major pollutant of air pollution in district Hisar is Suspended Particulate Matter. Particulate Matter is a complex mixture that may contain soot, smoke, metals, nitrates, sulfates, dust, water and tire rubber. It can be directly emitted, as in smoke from a fire, or it can for min the atmosphere from re actions of gases such as nitrogen oxides. The size of particles is directly linked to their potential forcausing health problems. Small particles (known as PM2.5 or fine particulate matter) pose the greatest problems because they bypass the body's natural defenses and can get deep into your lungs and potentially your 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 exposuret oparticulate pollution can result in significant health problems including:

- Increased respiratory symptoms, such as irritation of the air ways, coughing ordifficulty breathing
- Decreased lung function
- Aggravated asthma
- Development of chronicrespiratory disease in children
- Development of chronic bronchitisor chronic obstructive lung disease
- Irregular heartbeat
- Non fatal heart attacks
- Premature death in people with heart or lung disease, including death from lung cancer. There

are approximate 354 of industrial establishments indistrict Hisar out of which 242 no. of industrial unit are covered under the category of Red/Orange/Green as per categorization prescribed by Central Pollution Control Board. All the 187 no. of Brick Kiln are operating after conversion from (FCBTK) Fixed chimney bull strench kiln to ZigZag technology. All the industriesin Hisar District are using only legal/approved fuels as per the HSPCB Order 4023-4076, dated 12.12.2018.

Kajal, Ghirai, Rajpura, Narnaund, Orangshahpur, Pabra, Chamarkhera, Bithmada, Banbhouri villages are prominent stubble burner. In these villages manual air quality monitoring will be done. Further intheses village IEC activities will been hanced to aware the peoples about the adverse impact of stubble burning on Human Health, Environment and Soild fertility.

a. Current Status related to Air Quality Management

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring stations (C AAQMS) in the district. - Operated by SPCB/ State Govt/ Central govt./ PSU agency: - Operated by Industry:	One One No
Number of manual monitoring States operated by SPCBs	NIL
Name of towns/ cities which are failing to comply with national ambient air quality stations	Hisar
No of air pollution industries	70
Prominent air polluting sources [Large Industry]/ [Small Industry]/[Unpaved Roads]/[Burning of Waste Stubble] / [Brick Kiln] / [IndustrialEstate]/[Others] (Multiple selection)	In the District there are 02 industrial estates:- I. IDC, Hisar II. Industrial Area,Phase-II,Hisar

b. Identification of gaps and action plan:

S. No.	Actionpoints	IndicativeActionPlan	Responsibleagency	Timeline forcompletio nof actionplan
1.	Identification of prominent air polluting sources?	Air polluting industries mainly includes the brickkilns, stone crusher, plywood industries, thermal power plant, Steel plant, metal recyclers etc. All the units had installed the Air Pollution Control Devices such as Four field Electrostatic Precipitator /Bag Filters /Multicyclone/ cyclone/ WetScrubbers/ Separators. All of these industries have installed Required APCD.	HSPCB	Already Achieved
2.	Ambient Air quality data	01 no. of CAAQMS installed in District Hisar 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 given below: https://app.cpcbccr.com/AQI_India/ **Monitoring committee has directed that the data generated by continuous ambient air quality monitoring station also be displayed at prominent places of the district.**	HSPCB	Already Achieved

3.	Setting up of Continuous Ambient Air Quality Monitoring Station	Presently 01 no. CAAQMS has been installed atcity Hisar. Further as per the recommendation of NGT Monitoring Committee the possibilities for installation of additional CAAQMS will be explored based upon technical study of eligible agency. **Monitoring committee has directed that HSPCB shall install additional continuous ambient air quality monitoring station in the district in consultation with its HSPCB Head Quarter by 31.03.2023.**	HSPCB	31.03.2023

4.	District Level Action Plan for Air Pollution	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;- 1. Stubble burning is one of the major factor and for this the cro pdiversification is being adopted.Mera Pani Meri Virasat Schemeunder Crop Diversification is aongoing scheme of 2020-21 and2021-22. 2. Awareness among Farmers for In-Situ & Ex- Situmanagement of stubble burning with use of CRM machinery. 3. Construction of Paveds houlders along the roads and improvement of existing quality of roads for dust containment. 4. Challaning of overloaded transport vehicles. 5. Ensuring the transport of constructi on material with proper covering. 6. Ensuring the PUC certificate withthe vehicles and challaning for the same. 7. Find the way out for CNG station set up in the District. 8. Ensuring the non plying 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. Afforestation drives for industries /institutions/ parks /industrial estates/ road sides and river bank. 12. Awareness activity among the public.	HSPCB, DSP, Traffic DDA Agricultural, RTA, ULBs	31.03.2023
		13. Monitoring on vehicle fitness. 14. Periodic calibration test of vehicular emission monitoring instrument.		

5.	Hotspots of air pollution in District	The hotspots of air pollution in the area and measures to curb the same. 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, Hisar DDA Agricultural, ULBs	Regularactivity
6.	Awareness on Air Quality	The real time data generated by 01 no. of CAAQMS installed in District Hisar is being pushed to CPCB Central Server and hence the calculated AQI is available in Public Domain through CPCB Sameer App and HSPCB/CPCB Website at the link given below: **https://app.cpcbccr.com/AQI_India/**	HSPCB	Regulara ctivity.

CHAPTER-4 WATER QUALITY MANAGEMENT

There are total 60 no. of Drains including ditch drains are pertaining under this district.

LIST OF DRAINS		
Sr.No.	**Name of Drain**	**Length (In Rft)**
HISAR WATER SERVICES DIVISION, HISAR		
1	Drain'A'	6220
2	Drain'D'	15000
3	Drain'E'	3750
4	Drain'F'	1500
5	Drain'G'	3000
6	Drain'M'	6000
7	Drain'N'	6000
8	Drain'X'	7000
9	Drain'Y'	7000
10	DabRa Ditch Drain	6500
11	Ditch Drain along Barwala Branch RD120000 to 129000 and 103000 to 1080 00R/ Side of Barwala Branch	14000
12	Ghirai Field Drains.	6000
13	Hisar Drain	98000
14	Hisar Ghaggar Multipurpose Channel	128950
15	Kabi rink Drain	4900
16	Khanpur Sisai Link Drain	47000
17	Khokha Link Drain	2350
18	Mirkan Field Drain	3000
19	Mirzapur Field Drain	7500
20	Raipur Link Drain	6500
21	Satrod Mirka Drain	37400
		417570

HANSI WATER SERVICES DIVISION, HANSI		
22	Badala Drain O/FRD123275-R BMC	3800
23	Badala 'A' Drain O/FRD119640-R, BMC	3970
24	Bad chapper Drain	4000
25	Bas Multi purpose channel	155580
26	Bass Ptr. Drain O/FRD40000-R, Siwani Feeder	18750
27	Bass 'A' Drain O/FRD14800-R, Bass Kharbala Drain	8000
28	Bass Kharbala Drain O/FRD157500-R, SS Branch	18750
29	Bass Kharbala Field Drain O/FRD104000-L, BMC	27600
30	Bhaklana Drain O/FRD8100-L, Bass Petwar Drain	20000
31	Bhatol Drain	26350
32	Budana Drain	10350
33	D/ Drain along HM Disty	48600
34	D/ Drain along HM Disty	37800
35	D/ Drain along HM Disty leftside	31300
36	Dhani Kendu Dr	7100
37	Dhani Pal Drain O/FRD25000-R, Bhatla Minor	11215
38	Hansi Drain O/FRD62000-L, BalsamandS/ Br.	81325
39	Hansi Multi purpose Channel O/FRD125-R, BMC	38320
40	Jamawari Drain O/FRD14075-L, Kumbha Drain	4200
41	Kharkra Drain O/FRD12300-R, Bhatol Drain	9650
42	Kharkra 'A' Drain O/FRD21300-R, Bhatol Drain	3800
43	Khumba Drain O/FRD72400, Hansi Drain	25100
44	Lohari Drain	17440
45	Mohalla Bhaklana Drain O/FRD17000-L, Bhaklana Drain	2600
46	Moth Link Drain O/FRD47676-R, Sisai Drain	37246

47	Narnaund Drain O/ FRD37246, Moth Drain	19689
48	Petwar Link Drain O/FRD30280-L, Thurana Drain	16000
49	Puthi Drain	2464
50	Puthi 'A' Drain	790
51	Puthi Mundal Link Drain	49970
52	Singhwa 'A' Drain O/ FRD23890, Puthi Mundhal Link Dr.	3700
53	Singhwa Drain	2800
54	Sisai Bola Drain	4500
55	Sisai Drain O/FRD31225-R, Hansi Drain	55089
56	Sorkhi Drain O/FRD91450-L, BMC	9650
57	Sulchani Drain	9000
58	Thurana Drain O/FRD78350, Hansi Drain	30280
59	Ugalan Drain O/FRD37000-L, New Siwani Feeder	30000
		886778
ADAMPUR WATER SERVICES DIVISION, HISAR.		
60	Hisar Ghaggar Multipurpose Channel (Also pertaining in Hisar Division given above)	64420

Water Quality Management

a. Current Status related to Water Quality Management

Details of Data Requirement	**Present Status**
Rivers	No River in Hisar District
Length of Coastline (ifany)	No
Nalas/ Drains/ Creeks meeting Rivers	No
Lakes/ Ponds	01 (Blue bird Lake) and 286 Ponds in villages
Total Quantity of sewage from towns and cities in District	117.5 MLD from Urban Area & 65 MLD from Rural Area
Quantity of industrial waste water	10.2 MLD
Percentage of untreated sewage	No

Details of bore wells and number of Permissions given for extraction of ground water	146 Nos of bore well but no permission has been issue d by CGWA/ HWRA
Ground water polluted areas if any	No such Area identified in Hisar District
Pollute drivers tretches if any	NA

b. Identification of gap sandaction plan for water quality monitoring:

S. No.	Action points	Gap sand Action Plan	Responsible a gency	Time line for completion Of action plan
1.	Inventory of water bodies	Identification and inventorization of Water bodies started. Further water quality of such bodies will be monitored on six monthly basis By respective agencies. **Monitoring committee has directed that inventory of water bodies to be prepared by 31.10.2022.**	District Hydrologist Irrigation department, Pond Authority, CEO Zila Parishad, ULBs	31.03.2023
2.	Quality of water bodies in the district	The District Environment Mon itoring Committee (DEMC) has been constitutedin the District Hisar and thesame will monitor the quality of the water bodies. **The monitoring committee has directed that district level environment committee to monitor the quality of water bodies in the district on monthly basis and data may be mentioned on website of Haryana state pollution control board and display board, maintain the water quality data to be erected at the prominent palaces of the district by 31.03.2023.**	DEMC, Hisar	Regularactivity

3.	Hotspots of water contamination	The DEMC has been constitute din the District Hisar and the sa me will monitor the quality of the water bodies. Further till da tenosuchhot spotof water con tamination has been identified, however the regular monitoring of Water quality will be done through the working of DEMC.	DEMC, Hisar	Regular activity.
4.	Protection of river/ lake Water front a. Drains/ n allahs within Municipal Limits (Responsibility Of Municipality/ MC) b. Drains/ nallahs outside Municipal limits (Responsibility of Rural Development & Panchayat department)	District Hisar has already been Declared free from open defecation. Further Prevention of entering of solid waste into water bodies shall been sured through out the District and presently there is no gap. Also idol immersion in water bodies regularly monitored and prohibited during various Festives easons through out the year.	ULBs, Hisar Irrigation Department, Hisar HSPCB, Police Deptt,	31.03.2023
5.	Inventory of sources of Water pollution	Sewage and waste water discharge points Into water bodies already stand identified and under Action for tapping of such points.	ULBs, Hisar Irrigation Department, Hisar PHED, XEN, Panchayati Raj	31.03.2023
6.	Oil spill disaster management (for coastal districts)	Not applicable as No Coastal Area in Hisar	Not applicableas No CoastalAreain Hisar	Not applicable As No Coastal Area in Hisar
7.	Protection of flood plains	No floodin recent years, furth er Flood Control Order is prepared and update devery year for control of flood.	Irrigation Dept t.	Regula ractivity.
8.	Rejuvenation of ground water	Invent orization for the Rain water harvesting will be carried out. Action plan For possible rain water harvesting system will be executed. **Monitor Committee has directed that deputy commissioner Hisar shall hold meetings with the concerned departments within 15 days and prepare a proposal/scheme the for rejuvenation of the**	Irrigation dept t. ULBs, Hisar PHED, HSVP Deptt, HSIID C, XEN, PanchayatiRaj PWDDeptt.	31.03.2023

		groundwater based on the points as discussed above and be started implementing by 31.10.2022.		
9.	Complaints redressal system	CM Grievances Redressal and Monitoring System, Haryana is available for lodging any public complaint. District Public Relation and Grievance Redressal Committee is also working on public grievances.	DEMC	Regular activity

Domestic Sewage

The sewage management in the district is entrusted to Public Health Engineering Department as on date PHED has installed and operating 11 no. STPs in District Hisar having total installed capacity of 117.5 MLD. So the total sewage These STP's are installed and maintained by Public Health Engineering Department (PHED), Urban Local Bodies and Haryana Sahri Vikas Pardhikaran.

a. Current Status related to domestic sewage

Details of Data Requirement	**Present Status**
No. of Class-II towns and above	Nil
No. of Class-I towns and above	01
No of Towns STPs installed	10
No. of Towns needing STPs	0
No. of ULBs having partial underground sewerage network	02
No of towns not having sewerage network	02
Total Quantity of Sewage generated in District from Class II cities and above	117.5MLD
Quantity of treated sewage flowing into Rivers (directly or indirectly)	0
Quantity of untreated or partially treated sewage (directly or indirectly)	0
Quantity of sewage flowing into lakes	0
Total available Treatment Capacity	117.5MLD

Domestic Sewage Management	PHED-2 (Barwala and Uklana)	PHED-3 (Hisar)	PHED-Hansi (Hansi andNarnaund)	15 MLD(HSVP)	8MLD,MC Hisar	Remarks
Total Population	77977	367472	124814	81554	812678	
No. of house hold	13740	73705	23652	6041	14326	
Sewage Generation (MLD)	7.75	49.15	17.35	15	8	
%of area covered with sewerline	95% (145KM)	95% (189KM)	95% (114KM)	100% (45KM)	95% (26KM)	
Gap, ifany	5%	5%	5%	0	5%	This 5% indicates for unapproved colonies
If there a gap,then time lines to achieve the Gap	31.03.2023	31.03.2023	31.03.2023	31.03.2023	31.03.2023	Subjected to approval of Colonies
No. of Household having sewerage connection	3963	51244	13763	6041	4568	
Gap,ifany	9777	22461	9889	0	9758	
If there a gap, then timelines to	31.03.2023	31.03.2023	31.03.2023	31.03.2023	31.03.2023	Subjected

achieve the Gap						To approval Of Colonies
No.of existing STPs	2	3	4	1	1	
Capacity of existing STPs (MLD)	13.50	59	23	15	8	
Gap, if any	Nil	Nil	Nil	Nil	Nil	
If there a gap, then timelines to achieve the gap	NA	NA	NA	NA	NA	
Quantity of sewage reaching to the STP (MLD)	7.75	49.15	17.35	15	8	
Quantity of sewage being treated at STP (MLD)	7.75	49.15	17.35	15	8	
Quantity of sewage not reaching to the STP (MLD) and reason	0	0	0	0	0	
Proposal for diversion of sewage to the STP	NA	NA	NA	Na	NA	
Parameters achieved after treatment of sewage						
• pH	5.5-9.0	5.5-9.0	5.5-9.0	7.1	5.5-9.0	
• BOD	10mg/l	10mg/l	10mg/l	6.5mg/l	10mg/l	
• COD	50mg/l	50mg/l	50mg/l	32mg/l	50mg/l	
• TSS	20mg/l	20mg/l	20mg/l	12mg/l	20mg/l	
• TotalNitrogen	10mg/l	10mg/l	10mg/l	1.0mg/l	10mg/l	
• Feacalcoliform	Less than 100	less than 100	less than 100	Less than 100	Less than 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)	NA	NA	NA	NA	NA	
Quantity of treated waste water Being utilized (MLD)	7.75	49.15	17.35	15	8	
Please also mention where the treated waste water is being utilized	Agriculture purpose	Agriculture purpose	Agriculture purpose	Agriculture purpose	Agriculture purpose	
Gap, if any	Nil	Nil	Nil	Nil	Nil	
If there a gap, then timelines to achieve the Gap	NA	NA	NA	NA	NA	

Reuse details of treated domestic sewage:

Location of STP	Capacity (MLD)	Sewage Generation (MLD)	Details of Utilization of treated water
Rishi Nagar, Hisar	40.00	36.00	**Hisar Major Drain**-Farmer are using by lifting in agriculture Land
Kaimari Road, Hisar	4.00	2.50	**Hisar Major Drain**-Farmer are using by lifting in agriculture Land
Gangwa Road, Hisar	15.00	11.00	**Hisar Major Drain**-Farmer are using by lifting in agriculture Land

Dhani Garan Road, Barwala	6.00	5.50	Irrigation & Agriculture Purpose
Budha Khera Road, Uklana	6.50	4.50	Irrigation & Agriculture Purpose
Lalpura Road Hansi	7.50	6.00	**HansiDrain**- Farmer are using by lifting in agriculture Land
Lalpura Road, Hansi	6.50	2.60	**Multi purpose Drain**-Farmer are using by lifting in agriculture Land
Bhiwani Road, Hansi	5.00	4.00	**Bass Multipurpose Drain**-Farmer are using by lifting in agriculture Land
Hansi Jind Road, Hansi	4.00	3.00	**Narnaund Drain**-Farmer are using by lifting in agriculture Land

***Area under irrigation by STP Treated Water is 1590 Acers (approx.)**

b. Identification of gaps and action plan for domestic sewage

I) Urban/City

S. No.	Action points	GapsandActionPlan	Responsible agency	Timeline for completion of action plan
1.	Sewage Treatment Plants (STPs)	**The monitoring committee has directed that PHED/MC/ULD/HSVP shall upgrade the existing STPs by 31.03.2023.**	ULBs , PHED	31.03.2023
2.	Underground sewerage network	5%, This 5% indicates for un-approved colonies **Monitoring Committee has directed that MC/ PHED and HSVP shall complete the sewage network in all the town by 31.03.2023.**	ULBs, PHED	31.03.2023.

II) Rural/Villages/Block

Sr No.	Name of Block	Total no.of villages in the block	Total Population of the Block	Total no. of Households in the Block	Liquid Waste Generation (MLD)	Status of Liquid wasteTreatment and target date			Action Plan
						No. of villages where 100 % achieved	No. of villages where 100% Not achieved	Target date of completion where 100% not achieved	

1	Adampur	28	122834	24567	12	4	24	31.03.2023	Sinchewala Model
2	Agroha	22	101193	20239	10	4	18	31.03.2023	Sinchewala Model
3	Barwala	41	158488	31698	15	12	29	31.03.2023	Sinchewala Model
4	Hansi-I	56	195728	39146	19	5	51	31.03.2023	Sinchewala Model
5	Hansi-II	19	75982	15196	8	3	16	31.03.2023	Sinchewala Model
6	Hisar-I	47	187907	37581	18	8	39	31.03.2023	Sinchewala Model
7	Hisar-II	42	168950	33790	16	7	35	31.03.2023	Sinchewala Model
8	Narnaund	30	122516	24503	12	5	25	31.03.2023	Sinchewala Model
9	Uklana	18	87896	17579	9	5	13	31.03.2023	Sinchewala Model
	Total	**303**	**1221494**	**244299**	**119**	**53**	**250**		

CHAPTER-5 INDUSTRIAL WASTE WATER MANAGEMENT

In the District there are 64 Large, Medium and small scale units. These units are engaged in the production of Stainlesssteel, Mildsteel Tubes & Pipes, Stainlesssteel Tubes & Pipes, galvanizing, pickling, Automobile Service Station, chemical machinery, metalrecycler, Plywood, Textiles, Agro based industries etc.

In this district total approximate 10.52 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	64
24.2	Industrial Waste Water generation (MLD)	10.52
24.3	No. of Industries having ETPs	64
24.4	Gap, if any	Nil
24.5	If there a Gap, then timelines to achieve the Gap	NA
24.6	No.of ETPs have Online Monitoring Devices	01
24.7	Gap, ifany	Nil
24.8	If there a Gap, then timelines to achieve the Gap	NA
24.9	No. of ETPs having Online Monitoring Devices connected with server of HSPCB	01
24.10	Gap, if any	Nil
24.11	If there a Gap, then timelines to achieve the Gap	NA
24.12	No.of Existing CETPs	Nil
24.13	Capacity of existing CETPs (MLD)	NA
24.14	Gap, if any	Nil
24.15	If there a Gap, then timelines to achieve the Gap	NA
24.16	Quantity of Industrial Waste Water reaching to the CET Ps (MLD)	NA
24.17	Quantity of Industrial Waste Water being treated at CET Ps (MLD)	NA
24.18	Quantity of Industrial Waste Water not reaching to the CETPs (MLD) and reasons	NA

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 Hisar 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(asN)	NA
	• Total Kjeldahl nitrogen(asN)	NA
	• Chemical OxygenDemand	NA
24.21	Online Monitoring Devices installeda tCETPs	NA
24.22 24.23	Gap, if any If therea Gap, then timelines to achieve the Gap	Nil NA

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

S.No.	Action points	Gapsand Action Plan	Responsi ble agency	Timeline for completion of Action plan
1.	Complian ce to discharge norms by Industr ies	01.01.2021 onwards 2 no.industries not meeting the discharge standards has been closed and sealed. **Monitoring committee has directed that the department shall do surprise inspection of the industries twice in a year and to ensure that no industry to be allowed to discharge its untreated effluent into sewage inain and ant other mode of disposal.**	HSPCB	Regular monitoring action.
2.	Complaint redressal system	CM Grievances Redressal and Monitoring System, Haryana is available for lodg ing any public complaint. District Public Relation and Grievance Redressal Committee is also working on public grievances.	HSPCB	Regular activit y.

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 Hisar District
No of licenced Mining operations in the District	Nil
% Area covered under mining in the District	Nil
Area of and Mining	Nil

b. Identification of gaps and action plan:

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

CHAPTER-7 NOISE POLLUTION MANAGEMENT PLAN

The district Hisar is densely populated and very old industrial town and hub of major industrial activities such as steel/ stainless steel manufacturing, many small scale industries. There is movement of heavy transport vehicles in the district, which a real so source of vehicular pollution.Also the rearemany hotels and banquet halls in the town which are organizing regular marriage ceremonies/ parties/other functions, which are one of the major source of noise pollution. Additionally, the small scale industries and other industries setup have many industrial activities which are source of noise pollution and all these industries have also backup source of power as generator set which is another source of air pollution. The noise pollution due to blowing of horns/ pressure horns by the vehicles is also substantial source of noise pollution in the district.

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

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

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

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 Hisar district area is categorized into industrial, commercial, residential or silence areas/ zones for the purpose of implementation of noise standards for different areas. The Hisar District administration hastaken measures for abatement of noise including noise emanating from vehicular movements, (blowing ofhorns, 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, localbodies and other concerned authorities while planning developmental activity or carrying out functions relating to town and country planning will always take in to 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.

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 asULBs, 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 the department of police may procure adequate numbers of noise level meters by 31.03.2023. HSPCB may monitor the ambient noise level in noise level in noise zone silence zone and sensitive zone of the district twice in year.**	DSP Traffic, SDM, HSP CB	31.03.2023
2.	Ambient Noise Level monito ring.	Possibilities of installation of ambientnoise level monitoring stations will be explored. Portable analyzers will be provided with the enforcement agencies. The special drives for ensuring the ambient quality standards will be carried out in the residential, sensitive zones. Moreover, HSPCB also conducting the ambient air & noise monitoring during festive seasons.	DSP Traffic,SDM, HSPCB	31.03.2023
3.	Sign boards in Noise zones	MCs, PWD, NHAI should install the proper signages to earmark the silence zone,no horn zone and noise limits in the city.	ULBs PWD , NHAI	31.03.2023
4.	Complaint redressing system	CM Grievances Redressal and Monitoring System, Haryana is availablefor 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: (Village)

- **Door to Door collection:**

The monitoring committee has directed that 100% door to door collection of solid waste in the remaining 283 village Panchyats to be achieved in phased manner by 31.12.2023.

- **Source segregation of solid waste:**
  The monitoring committee has directed that 100% source segregation of solid waste in the remaining 283 village Panchyat to be achieved in phased manner by 31.12.2023.
- **Treatment of wet waste:**
  The monitoring committee has directed that 100% treatment of wet waste by constructing adequate number of compost pits in the remaining 302 village panchayats to be achieved in phased manner by 31.12.2023.
- **Source segregation of plastic Waste:**
  The monitoring committee has directed that 100% source segregation of plastic waste in the remaining 283 village Panchyats to be achieved by 31.12.2023.
- **Door to Door collection of plastic Waste:**
  The monitoring committee noted the submission made by Department and directed that 100% door-to-door collection of plastic waste in the remaining 283 village Panchyats to be achieved by 31.12.2023.
- **Treatment of liquid waste**:
  The monitoring committee has directed that 100% treatment of liquid waste by providing treatment facilities in the remaining 250 village Panchyats to be achieved in a phased manner by 31.12.2023 and the possibility of providing 03 pond or 05 pond system technology to be explored for the villages where enough land is not available for providing wetland technology.

Other Environmental Issue:

Management of wastewater and solid waste generated by the unauthorized colonies/ residential complex/ commercial complex developed by Private Colonizers.

The Monitoring Committee observed that there is need to provide sewerage system and sewage treatment plant for treatment of wastewater and solid waste management system for treatment of solid waste by the MCs for the unauthorized colonies/residential complex/commercial complex existing within MC limits and by DDPO/Zila Parishad (Department of Panchayats) for the unauthorized colonies/residential complex/commercial complex existing outside MC limits.

The Monitoring Committee recommends as under:

1. MCs may make sewerage connectivity of untreated sewage of unauthorized colonies/commercial complex located within MC limits with the nearby existing STPs by 31.03.2023 and said time lines may be mentioned revised District Environment Plan.
2. For the management of solid waste generated by these unauthorized colonies, existing within MC areas, MCs may make agreement with these unauthorized colonies for management of solid waste with suitable user charges to be paid by unauthorized colonies to MCs by 31.03.2023.
3. DDPO/Zila Parishad (Department of Panchayats) may pursue the unauthorized colonies/commercial complex existing outside MC areas to either lay sewerage network and install individual STPs for treatment of waste water or provide any other mechanism for treatment and disposal of untreated sewage of these colonies/commercial complex by 31.03.2023.
4. For management of solid waste, generated by unauthorized colonies/commercial complex existing outside MCs areas, the necessary agreement may be got made with MCs/ Village Panchayats for scientific disposal of solid waste (wet and dry waste) with suitable user charges to be paid to MCs/Village Panchyats by the unauthorized colonies/commercial complex by 31.03.2023.

Plantation of trees along highways/drains/ponds/ vacant sites:

The Monitoring Committee recommends that department of Forest may prepare proper plan for plantation of suitable varieties of trees and PWD (B&R), Department of Panchayats, HSIIDC, HSVP and MCs may plant trees of suitable varieties on forest land, Panchayat land, along highways & rural roads, industrial zones, around ponds, legacy waste dump sites and other vacant places by 31.03.2023 and department of forest may provide saplings for the same to the departments at the earliest.

Removal of solid waste along highways/railway lines/rural roads/drains/ponds:

The Chairman of the Monitoring Committee directed that MCs, DDPOs, HSIIDC, HSVP, PWD (B&R) and any other concerned department under the guidance of Deputy Commissioner, Hisar may make necessary arrangements for removal of solid waste lying dumped along highways/railway lines/rural roads/drains/ponds as special drive within 01 month and regular practice may be adopted in this regard from time to time so that these roads/drains/canals/ponds may give aesthetic view to the public.

The Chairman of the Monitoring Committee directed as under:

1. Bi monthly meeting under the Chairmanship of Deputy Commissioner, Hisar may be held to review the action taken on all the activities as mentioned in the District Environment Plan and minutes of the meeting may be sent to the Monitoring Committee.
2. Nodal Officer may be appointed to get the necessary data w.r.t District Environment Plan from all the concerned departments to facilitate to review the action taken on all the points by the Deputy Commissioner.
3. The data w.r.t various activities to be presented/mentioned in the District Environment Plan may be correct and authenticated.
4. The Performa mentioning the details of each activity with regard to management of Solid waste and Plastic waste annexed as _ beginning part of the action plan may be deleted and the same may be annexed at end of the plan.

Notification w.r.t addition of MC namely Aadampur in District Hisar

The Monitoring Committee was informed that 01 new Municipal Council namely Aadampur has been notified by the State Govt. vide notification dated 1.7.2022. As such, the data w.r.t each activity relating to waste management of MC Aadampur is required to be added in the revised District Environment Plan.

CHAPTER-8 GOOD PRACTICES

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

1. Installed one number Continuous Ambient Air Quality Monitoring Station at Hisar 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. DIG Office,Fawara Chowk, Hisar for public and second display at HSPCB Regional office at Bays no. 7-8, Urban Estate near LIC Office, Hisar. The AQI of Hisar District is observed as Good to Moderate range in last three month.

2. All 454 Health care facilities including government, private hospital, clinic, diagnostic centre, veterinary hospital, occupation health centre, ESI centre etc. has obtained the Biomedical authorization as per Biomedical Waste Rules, 2016. Out of these 454 units more than 300 units has also implemented the Bar Coding System and remaining will complete the Bar Coding System by 31.03.2022.

3. The Hisar district has one common biomedical treatment facility i.e. Synergy Waste Management Pvt Ltd. Is disposing biomedical waste of allhealth carefacilities from Hisar districtinscientific manner with environmentally sound facility as per CPCB guidelines.

4. All the 86 industrial units engaged in Hazardous waste generation has obtained the Hazardous waste authorizationas per Hazardousand Other Waste Rules, 2016. Further the digital online manifestsyste misadopted by all these unitfort ransportation of Hazardous waste to CHWTDF.

5. One number of E-Waste Recycler and Dismantler is authorized by Haryana State Pollution Control Board in Hisar Region for environmentally sound disposal of E-Waste as per the provision of E- waste (Management) Rules, 2016.

6. Total 11 Common Sewage Treatment Plantstreating more than 100 MLD sewage. Further the treated sewage is 100% utilized for irrigation purpose.

7. Four number of industrial units willing ly aopted No Liquid Discharge (ZLD) provision andutilizing 100% treated effluent for plantation, gardening and manufacturing process etc.

8. For treatment of Construction and Demolition waste two number sof treatment facilities are constructed in the Hisar District. The treated C&D waste is further used for tile making and construction in gredients.

9. One number of Plastic Recycler and proces seris authorized by Haryana State Pollution Control Board in Hisar Region for environmentally sound recycling and reprocessing of plastic waste.

10. To avoid and reduce the smog during the winter seasons water sprink lingand spraying is done by ULBs, Industries, Construction Sites, PHED and other departments.

11. Regular Tree Plantation Derives are conducted by various Industries, NGOs, farmers, District Administration alongwith HSPCB regional Office and Forest Department.

12. Real Time monitoring of Stubble Burning incidents conducted through Satellite by Haryana Space Applications Centre (HARSAC) alongwith HSPCB regional Office and District Administration.

13. For the environmentally sound management of domestic solid waste; 100 percent door to door

collection is achieved by all Urban Local Bodies of Hisar District.

14. 7 numbers of Material Recovery Facilities are established and operated by Municipal Corporation Hisar for proper and scientific management of domestic solid waste in environmentally sound manner. Similarly, 9 numbers of Material Recovery Facilities are operated by Bulk waste Generator.

15. 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 Hisar District administration.

16. Mechanized Road sweeping machines are regularly used to reduce the air pollution by Municipal Corporation Hisar and Municipal Council Hansi.

17. The Hisar District is an opend efection free district (ODF) with the construction of Toilets in each house.

18. 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.

19. 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 over loading and further compliance of Motor vehicle Rules regular checking is done by Regional Transport Office/ Authority, Hisar.

20. For the environmentally sound recycling and reprocessing of Hazardous Waste i.e. Used Oil; two recycling units are authorized by HSPCB, Regionaloffice Hisar. These units are utilizing environmentally sound technologies and possessesad equate technical capabilities, requisite facilities and equipment to recycle /reprocess hazardous waste.

21. All the Household in authorized colonies of Hisar District are having sewage connections for proper disposal of domestic sewage in public sewage for terminal treatment in ULBs /HSVP/ PHED sewage Treatment plants.

22. A major emphasize is given by HSPCB, RO Hisar and district administration for the compliance of Haryana Government notification dated 30.05.2013 regarding environmentally sound management of poultry farms. A non complying poultry farm is recently closed and electric power supply disconnection is made by DHBVN, Hisar.

23. All the 187 no. of Brick Kiln are operating after conversion from (FCBTK) Fixed chimney bull' strench kiln to Zig Zag technology.

24. All the industries in Hisar District are using only legal/approved fuels as per the HSPCB Order 4023-4076, dated 12.12.2018.

ANNEXURE-I

Item No. 01 Court No. 1

BEFORE THE NATIONAL GREEN TRIBUNAL
PRINCIPAL BENCH, NEW DELHI

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

(With report dated 22.02.2019)

Shree Nath Sharma Applicant(s)

Versus

Union of India & Ors. Respondent(s)

Date of hearing: 26.09.2019

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

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

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

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.

11

4. Vide order dated 31.07.2018, the Tribunal referred to the order of the High Court dated 14.11.2011 in *C.W.P. No. 065/96* directing removal of encroachments. The High Court noted that out of 860 encroachments, 760 had been removed. It was directed that hospital waste be segregated, traffic plan prepared and air and water quality tests conducted. The direction also required the steps for restoration for the Bharatpur canal.

4. The Tribunal directed the Collector and the District Magistrate, Bharatpur to take further remedial action.

5. Accordingly, an affidavit of compliance has been filed by the Commissioner, Municipal Corporation, Bharatpur annexing a status report from the Collector/District Magistrate dated 22.02.2019. The report deals with the compliance of direction for segregation of hospital waste, traffic action plan to check vehicular pollution, noise control plan, pollution control system for control of pollution of Sujanganga river, conservation and restoration of Fort and repair of Moatwall, installation of incinerator, sewerage system and monitoring mechanism, including holding of monthly meetings.

6. In view of above, steps having been taken, the immediate problem may appear to have been addressed. However, enforcement of environmental norms is a continuous requirement. The District Magistrate, CPCB and the SPCB may consider further necessary action which may be coordinated by the SPCB. First meeting for the purpose may be held within one month from today and the matter be finalized within two months. This Tribunal in *O.A. No. 606/2018*, while dealing with the compliance of Municipal Solid Waste Management Rules, 2016 also flagged other issues and required

12

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

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

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

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

- Current status

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

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

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

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

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

12. The Department of Environment of all States and Union Territories may collect such District Environment Plans of their respective States and finalize the 'State Environment Plan' covering the specific thematic areas referred in Para-7 including information as contained in Para-8 and template of Model/Models District Environment Plan provided by the CPCB. The action for preparation of 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.

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

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

Adarsh Kumar Goel, CP

S.P Wangdi, JM

15

K. Ramakrishnan, JM

Dr. Nagin Nanda, EM

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

6

16

ORDER

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

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

"12. The Department of Environment of all States and Union Territories may collect such District Environment Plans of their respective States and finalize the 'State Environment Plan' covering the specific thematic areas referred in Para-7 including information as contained in Para-8 and template of Model/Models District Environment Plan provided by the CPCB. The action for preparation of State's Environment Plan shall be monitored by the respective Chief Secretaries of States and Administration of UTs. Let this action be completed by 15.12.2019 and compliance be reported to the Tribunal by31.12.2019.

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

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

"We find it necessary to add that in view of Constitutional provisions under Articles 243 G, 243 W, 243 ZD read with Schedules 11 and 12 and Rule 15 of the Solid Waste Management Rules, 2016, it is necessary to have a District Environment Plan to be operated by a District Committee (as a part of District Planning Committee under Article 243 ZD) with representatives from Panchayats, Local Bodies, Regional Officers, State PCB and a suitable officer representing the administration, which may in turn be chaired and monitored by the District Magistrate. Such District Environment Plans and Constitution of District Committee may be placed on the website of Districts concerned. The monthly report of monitoring by the District Magistrate may be furnished to the Chief Secretary and may be placed on the website of the District and kept on such websites for a period of one year. This may be made operative from 01.08.2019. Compliance of this direction may also be seen by the Chief Secretaries of the States/UTs. This may not only comply with mandate of law but provide an institutional mechanism for effective monitoring of environment norms."

Whereas,the District Environment Plan for the District Hisar has been prepared by the District Monitoring Committee and after approval from District Planning Committee, Hisar

the same has been submitted to the Department of Environment & Climate Change, Govt. of Haryana and now stands submitted before the Hon'ble NGT, New Delhi.

Whereas, the District Environment Plan (DEP) comprising various issues & timelines for management of Solid Waste, Domestic Waste, Plastic Waste, C&D Waste, Biomedical Waste, Hazardous Waste, Air Pollution, E-Waste, Water Quality, Industrial Waste Water, Mining Activity and Noise Pollution etc.

Whereas, the implementation of the DEP requires coordinated efforts of multiple 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 the following Officers:-

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

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

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

- The Committee shall also visit the sites once in three months to check the implementation of DEPs on ground.
- The Committee shall ensure the active participation of each department and inter-departmental coordination for implementation of DEPs.
- The Committee shall take measures for effective enforcement of prohibited activities under DEPs.
- The Committee shall prepare a detailed road map for activities for capacity building of stakeholder, departments, agencies, organizations and to build awareness & outreach among public to understand and implement micro level environmental conservation actions.

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

Deputy Commissioner
Hisar

Endst. No. 1623-35/LFA Dated:- 2/11/21

A copy of above is forwarded to the following:-

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

Deputy Commissioner,
Hisar.