

कार्यालय कलेक्टर, जिला-मंदसौर (म.प्र.)

क्रं...602.../स्टेनो/21

मंदसौर, दिनांक 20/9 /2021


प्रति,

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म.प्र. शासन, पर्यावरण विभाग,  
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विषय:- माननीय राष्ट्रीय हरित अधिकरण प्रिंसिपल बैंच नई दिल्ली द्वारा प्रकरण क्रमांक 360/2018 में दिये गये आदेशानुसार डिस्ट्रिक्ट इन्वायरमेंटल प्लान संबंधी।  
संदर्भ:- आपका पत्र क्रमांक 808/435/2021/32-3 दिनांक 21.09.2021

उपरोक्त विषय के बारे में माननीय राष्ट्रीय हरित अधिकरण प्रिंसिपल बैंच नई दिल्ली द्वारा प्रकरण क्रमांक 360/2018 में दिये गये आदेशानुसार मंदसौर जिले का "डिस्ट्रिक्ट इन्वायरमेंटल प्लान" आवश्यक कार्यवाही हेतु संलग्न प्रेषित है।

संलग्न :- उपरोक्तानुसार।


  
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प्रतिलिपि:-

1. क्षेत्रीय अधिकारी, म.प्र.प्रदूषण नियंत्रण बोर्ड, उज्जैन की ओर सूचनार्थ।
2. एन.आई.सी. मंदसौर की ओर सूचनार्थ कृपया District Environment Plan जिले की Website पर अपलोड करें।

  
कलेक्टर  
जिला- मंदसौर(म.प्र.)

# District Environmental Plan for Mandsaur Madhya Pradesh

(As per Hon'ble NGT in

O.A. No. 360-2018, dated 29.01.2021)



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Mandsaur

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## **INTRODUCTION:-**

Hon'ble National Green Tribunal Principal Bench New Delhi issued direction in OA 710/2017 Shailash Singh vs. Sheela Hospital & Trauma Centre and Shahjahanpur and ors. on 15/07/2019 & in OA No 360/2018 Shreenath Sharma vs. Union of India & ors. on 26/09/2019 to prepare District Environment Plan. In compliance of above order passed by Hon'ble NGT on 26-09-2019, District Environmental Plan (DEP) was prepared and submitted to M.P. Pollution Control Board Bhopal vide letter no. 2071 dated 16.12.2019. MPPCB Bhopal submitted the Action Plan to CPCB along with the DEPs of other districts of M.P. Hon'ble NGT passed following order:

In view of above, having regard to the significance of the issue and inadequate progress, we direct the Chief Secretaries of all the States/UTs to oversee and monitor compliance by the concerned District Magistrates for preparing the requisite plans and execute the plans already prepared. Further steps for preparation and execution of State and National plans may also be taken in the interest of scientific and effective protection of environment and public health.

To comply above order CPCB wrote a letter to Principal Secretary department of Environment Govt. of M.P. vide letter no. 1637 dated 24.05.2021 stating that "Upon examining the DEPs, it is observed that there is scope for improving these DEPs w.r.t. thematic areas, action points and corresponding agencies and time lines." Hence in view of the same, the concerned departments and the DMs may be directed to implement the DEP in time bound manner. In this regard, while the action points identified in DEPs may be implemented, the DEPs may be improved further to cover all thematic areas. CPCB also enclosed an indicative template to improve the DEPs for ready reference.

Further to comply the above directions issued by Hon'ble NGT and CPCB, Member Secretary, M.P. Pollution Control Board issued letters to all the district Collectors of the state vide letter no. 109 dated 06.07.2021 to revised the DEPs as per directives of Hon'ble NGT and CPCB. Thus the DEP of district Mandsaur is submitted as here in below as per guidelines received from CPCB.

## **1.0 District Profile:-**

### **Mandsaur District:-**

The City of Lord Pashupatinath Mandsaur is rich in archaeological and historical heritage, but what makes it famous is the temple of Lord Pashupatinath located on the bank of shivna. Its idol has parallel only in Nepal. The most common language is Malvi (Rajasthani and Hindi Mixed).It is also famous for large production of Opium around the world. The slate pencil industry is the main industry of the district. Mandsaur District forms the northern projection of Madhya Pradesh from its western Division, i.e., Ujjain Commissioner's Division. It lies between the parallels of latitude 23<sup>0</sup>45'50" North and 25<sup>0</sup>2'55" North, and between the meridians of longitude 74<sup>0</sup>42'30" East and 75<sup>0</sup>50'20" East. The District is bounded by two Districts namely Neemuch in the west-north and Ratlam District of Madhya Pradesh bounds it in the South. It is also surrounded by Pratapgarh, Chittorgarh, Kota, Jhalawar districts of Rajasthan. The District is an average size district of Madhya Pradesh. It extends for about 142 km. from north to south and 124 km. from east to west. The total area is 5521 sq. km. with a population of 1183274 in 2001. The Scheduled Castes population of the District is 212262, Scheduled Tribes 37526 and the District takes its name from the headquarters town, Mandsaur. It is considered to have been evolved from Marhsaur, originating from Marh and Saur (or Dasaur, two of the villages which merged in the town. The town was known as Dashpur in ancient times. The District is divided into four sub divisions and eight tehsils. The sub divisional head quarters are at Mandsaur, Malhargarh, Sitamau and Garoth. whether Mandsaur, Malhargah, Garoth, Shamgarh, Dalauda, Bhanpura, Suwasra and Sitamau are eight tehsils of District..

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

The District is divided into four sub divisions and eight tehsils. The sub divisional head quarters are at Mandsaur, Malhargarh, Sitamau and Garoth. whether Mandsaur, Malhargah, Garoth, Shamgarh, Dalauda, Bhanpura, Suwasra and Sitamau are eight tehsils of District.

As stated here in above, there are 08 tehsils in district Ujjain. The Tehsildar are posted in each of the tehsil as revenue officers. The Janpad Panchayat office is setup at District & tehsil level and the offices are headed by CEO Jila Panchayat & CEO Janpad Panchayat.

There are 609 Gram Panchayats in District Ujjain. The offices are headed by respective Sarpanch & Panchayat Sachiv.

Local Institutions:-

Universities in the district are:

MIT Mandsaur, Rewas Devda Road

Priyadarshani Indira Gandhi Government Girls College, Mandsaur

Rajiv Gandhi Government PG College Mandsaur

### c. Natural Resources:-

Water bodies:-

Mandsaur district falls under Ganga basin and Chambal river sub-basins. The river is broad, flat shallow valley with low gradient because the Chambal has reached the base level of erosion. Vertical erosion has reached and lateral erosion is taking place. Other tributaries of Chambal River are Retam, Shivna and Chhoti Kali Sindh.

Mandsaur district has limited irrigation facilities. Only 34.10% of net sown area is irrigated and rest of the area is rain fed. Surface water irrigation in the district is only 1.96% of the net sown area. Groundwater is the main source in the district and about 90 % of total irrigation in the district. There are a total 150013 bore wells and 1,06,052 dug wells in the district for irrigation.

- **Forest coverage**

Based on the interpretation of IRS Resourcesat-2 LISS III satellite data of the period Oct 2017 to January 2018, the Forest Cover in the State is 77,482.49 sq km which is 25.14 % of the State's geographical area. In terms of forest canopy density classes, the State has 6,676.02 sq km under Very Dense Forest (VDF), 34,341.40 sq km under Moderately Dense Forest (MDF) and 36,465.07 sq km under Open Forest (OF). Forest Cover in the State has increased by 68.49 sq km.

District	Geographical area (sq. km.)	2011 Assessment				Percent age of GA	Change	Scrub
		Very Dense Forest (sq. km.)	Moderate Dense Forest (sq. km.)	Open Forest (sq. km.)	Total (sq. km.)			

				km.)				
Mandsaur	5535	0	40	201.59	241.59	4.36	-2.41	111.51

#### d. Geography & Demography:-

**Geography:-** Mandsaur District forms the northern projection of Madhya Pradesh from its western Division, i.e., Ujjain Commissioner's Division. It lies between the parallels of latitude 23<sup>0</sup>45'50" North and 25<sup>0</sup>2'55" North, and between the meridians of longitude 74<sup>0</sup>42'30" East and 75<sup>0</sup>50'20" East.

The District is an average size district of Madhya Pradesh. It extends for about 142 km (88 mi) from north to south and 124 km (77 mi) from east to west. The total area is 5,521 km<sup>2</sup> (2,132 sq mi) with a population of 1,16,483 in 2001.

#### Demography:-

Item	Description	Item	Description
Area	5521 sq. km.	Total Population	1339832
Revenue Subdivisions	4	Urban Population	401949
Revenue Tehsils	8	Rural Population	937882
Gram Panchayats	440	Male Female Ratio	966
No.Of ULB	10	Literacy Rate	72.75%
No.Of Municipalities	1	No. of Villages	955



### **e. Land-Use pattern:-**

Mandsaur is situated on Ajmer-Lebad (Indore) NH-79 as well as Mhow-Neemuch SH-31 4 Lane road. Avg. size of land holdings 2.0 hect. % of gross irrigated area 37.6.

### **f. Climate:-**

The climate of this district is generally dry except in south-west monsoon. Year may be divided in to four seasons. The cold season is from December to February. This is followed by the hot season from March to the middle of June. Thereafter the south west monsoon season starts and continues upto about the middle of September.

The average annual rainfall in the District is 786.6 mm. The rainfall in the Districts in the region round about Sitamau- Mandsaur- Malhargarh , and in general increases in the northern part of the District from the west towards the east. The heaviest rainfall in 24 hours recorded at any station in the District was 323.9 mm. at Garoth on 1945 June 29.

In District there is rapid increase in temperatures after February .May is generally the hottest month with the mean daily maximum temperature at 39.80 C. and the mean daily minimum at 25.40 C. Days are intensely hot in summer and hot dust-laden winds which blow during this season add to the discomfort. On individual days in the summer session and in June before the onset of the monsoon the day temperatures often go up above 45 C. January is the coldest month with the mean daily maximum temperature at 35.00 C. and mean daily minimum at 9.30C.

## **2.0 Indicative Gap Analysis and Action Plan for complying with Waste Management Rules**

### **(i) Solid Wastes Management in Ujjain District:**

In Mandsaur District, there are 01 Nagar Palika and 09 Nagar Parishad. The total quantity of Solid Waste Generation is around 43 MT/day. In Mandsaur District, most of the solid waste is generated in Nagar Palika Mandsaur is 43 MT/day. Nagar Palika Mandsaur has taken various required measures for collection, transportation, treatment & disposal of Municipal Solid waste & Construction & Demolition wastes as stated here in above. Mandsaur city has been awarded no. cleanest city of India in Swachhata Survey in year 2019-2020. MSW management and C&D waste management all the facilities exist in RMC & no further action plan required. Also the 08 Municipalities of the district have started 100% door to door collection but the segregation of solid waste, processing of wet waste, disposal of dry waste & construction of scientific sanitary landfill is yet to be done. **Annexure-1,1A,1B,1C,1D,1E,1F,1G & 1H**

**(ii) Plastic Waste Management**

The Govt. of India has notified Plastic Waste Management Rules 2016. These rules are applicable in State of Madhya Pradesh also. In order to prevent the pollution problems caused by Polythene Carry bags, Deptt. of Environment, Govt. of MP has imposed complete ban on manufacturing, storage, transportation, sell, purchase and use of all type of polythene carry bags vide order no. F5-2/2015/18-5 dated 24.05.2017. All the local bodies and District Administration have been asked to carryout inspections and impose penalties on violators along with seizers. Also in order to comply the provisions of the rule and to give thrust on Plastic Waste minimization, source segregation, recycling, involving waste pickers, recyclers and waste processors in collection of plastic waste fraction either from households or any other source of its generation or intermediate material recovery facility and adopt polluters pay principle for the sustainability of the Plastic Waste Management is to be practiced.

All the local bodies are directed to ensure that the recyclable Plastic Waste are sold to the recyclers, low value plastic are utilized for road laying, the non-recyclable Plastic Waste to co-incineration in Cement Plant and the remaining inert to landfill site for disposal. Awareness program to reduce plastic usage are conducted regularly.

**Annexure-1,1A,1B,1C,1D,1E,1F,1G & 1H**

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

The Govt. of India has notified C&D Waste Management Rules 2016. These rules are applicable in State of Madhya Pradesh also. In Mandsaur district the generation of C&D waste is mostly found in city Ujjain. Ujjain Municipal Corporation (RMC) has taken various required measures for collection, transportation, treatment & disposal of Construction & Demolition wastes. RMC has installed C & D waste processing facility. Except, Mandsaur city, in other local bodies the C & D waste generation is very minimum and they are advised to ensure that the C&D waste are disposed in suitable abandoned quarries without affecting the nearby Environment. **Annexure-1,1A,1B,1C,1D,1E,1F,1G & 1H**

**(iv) Bio-medical Waste Management**

In Mandsaur District 50 Government Hospitals, 8 Veterinary Hospitals and about 79 Private Hospitals/Health Care Facilities are functioning.

All the Private Health Care facilities have made agreement with Common Bio Medical Waste Facility owned by M/s. Bio Medical waste Management system Pvt. Ltd., located at Ujjain. All the major Govt. Hospitals (15) are also sending their waste to above incinerator. The Govt. Primary Health Center located in remote places of rural areas is disposing of their waste through deep burial. All the Govt. Primary Health Centers and Veterinary Hospitals are persuaded to send their waste to CBWTF. **Annexure-2**

(v) **Hazardous Waste Management**

There are 28 industries/units which have obtained authorization from MPPCB in Ujjain District. Industries have obtained authorization for 15.81 MT/yr. The hazardous waste which is landfillable is sent to M/s. M.P. Waste Management Co. Ltd., at Pithampur for secured landfill. The recyclable, reusable & Co-incinerable waste is sent to authorize recyclers/ Cement Kilns. **Annexure-3**

(vi) **E-Waste Management**

The Govt. of India has notified E-Waste Management Rules 2016. These rules are applicable in State of Madhya Pradesh also. There are no recycler & dismantlers authorized by M.P. Pollution Control Board for E-Waste Management. All above units are located in Mandsaur City. The E-Waste generated in the area is sent to above authorized industries for further treatment & disposal of E-Waste. **Annexure-4**

### **3.0 Air Quality Management**

The major source of air pollution in Mandsaur is vehicular emission, construction activities, industrial emission etc. M P Pollution Control Board is regularly monitoring the Ambient Air Quality.

The AQI of Mandsaur is being observed in “Satisfactory Category” throughout last 03 years. **Annexure-5**

### **4.0 Water Quality Management**

The Hon’ble NGT in its order directed the States to review the existing framework of restoration of all the water bodies by preparing an appropriate action plan as per the guidelines prescribed the CPCB.

Water quality of rivers and lakes in Madhya Pradesh is monitored regularly on monthly basis by Madhya Pradesh Pollution Control Board under GEMS and MINARS programme and the reports are submitted to the Central Pollution Control Board. Based on the consolidated reports of GEMS and MINARS programme the Central Pollution Control Board has identified 351 river stretches as polluted river stretches in the country for not meeting the prescribed water quality standards. The river Malani at Ujjain has been identified as polluted river stretch. As per Hon'ble NGT order in case no. 673/2018, an action plan for rejuvenation of Malani river has been prepared and submitted to CPCB. This action plan consist of components like identification of polluting sources including functioning/ status of STPs/ETPs/CETP and solid waste management and processing facilities, quantification and characterization of solid waste, trade and sewage generated in the catchment area of polluted river stretch. The action plan addresses issues relating to; ground water extraction, adopting good irrigation practices, protection and management of Flood Plain Zones (FPZ), rain water harvesting, ground water charging maintaining minimum environmental flow of river and plantation on both sides of the river. The detailed action plan as stated here in above has been uploaded in MPPCB website [www.mppcb.nic.in](http://www.mppcb.nic.in). **Annexure-6&7**

## **5.0 Industrial WasteWater Management**

Mandsaur is commercial city of Madhya Pradesh. There are 2 industrial areas in the district. One of the major industrial areas named Jaggakhedi Industrial Area and second is Botalganj Industrial Area, is located in mandsaour city. This industrial area in housing several small scale industries particularly chemical, engineering units, plastic recycling units etc.

All the Air/Water polluting industries are having adequate pollution control arrangements and complying provisions of Air/ Water Acts. **Annexure-8**

## **6.0 Mining Activity Management Plan**

Mandsaur district does not have major minerals deposits. Also activities of sand mining are not there. The stone boulder mines are found to be there in limited areas. The stone gitti is made from the boulders excavated from these stone mines. **Annexure-9**

## **7.0 Noise Pollution Management Plan**

In Mandsaur district there are one municipal corporation and 09 municipalities. The noise pollution problem is observed only in Mandsaur Municipal Corporation Area. The major source of Noise pollution in Ujjain is Vehicular Traffic, Railways, Transport and Industries etc. MP Pollution Control Board is randomly monitoring the Ambient Air Quality of Noise at various locations of Mandsaur. An action plan to control noise pollution of city Mandsaur has been made as per direction issued by Hon'ble NGT in case no. 681/2018 and direction issued by CPCB vide letter dated 21.06.2019, File No. A-14011/1/2015-MON, u/s 18(1) (B) of the Air (Prevention & Control of Pollution) Act, 1981 regarding Noise Mapping, identifying hot spots and Mitigation plan for Control of Noise Pollution. The protocol to control noise pollution has been made and submitted to CPCB. According to this protocol various majors are being taken to mitigate noise pollution. As per proforma provided by CPCB the information about Noise Pollution Management Plan has been collected for district Mandsaur. **Annexure-10**

**2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules (Annexure-1)**

**(i) Solid Waste Management**

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

	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated per day
1	Nagar Palika Mandsaur	40	33200	155833	43
2	Nagar Parishad Garoth	15		18603	4
3	Nagar Parishad Malhargarh	15	1750	8332	0.225
4	Nagar Parishad Narayangarh	15	2052	10191	0.17
5	Nagar Parishad Bhanpura	15	-	21013	5.25
6	Nagar Parishad Sitamau	15		14365	4
7	Nagar Parishad Shamgarh	15	4700	24365	5
8	Nagar Parishad Suwasra	15	2774	14628	2.87
9	Nagar Parishad Nagri	15	1515	7034	1.5
10	Nagar Parishad Pipliyamandi	15	3333	16400	16.5
	Local Bodies	No of Village panchay ats / Blocks	No of Househol ds	Population	Solid Waste Generated per day
1	Nagar Palika Mandsaur	119	33200	155833	43
2	Nagar Parishad Garoth	91	NA	18603	4
3	Nagar Parishad Malhargarh	78	1750	8332	0.225
4	Nagar Parishad Sitamau	107	NA	14365	4
	Total no of Gram Panchayats in MANDSAUR District	395	34950	197133	51.225

**(ii) Plastic waste Management**

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

S.No.	Urban Local bodies	Estimated quantity of Plastic Waste	
		Generated per day	
1	Nagar Palika Mandsaur	5.18	
2	Nagar Parishad Garoth	0.0032	
3	Nagar Parishad Malhargarh	0.109	
4	Nagar Parishad Narayangarh	0.131	
5	Nagar Parishad Bhanpura	0.023	
6	Nagar Parishad Sitamau	0.079	
7	Nagar Parishad Shamgarh	0.085	
8	Nagar Parishad Suwasra	0.572	
9	Nagar Parishad Nagri	0.034	
10	Nagar Parishad Pipliyamandi	0.027	
	Local Bodies	Plastic Waste Generated per day	
1	Nagar Palika Mandsaur	5.18	
2	Nagar Parishad Garoth	0.0032	
3	Nagar Parishad Malhargarh	0.109	
4	Nagar Parishad Sitamau	0.079	
	Total no of Gram Panchayats in MANDSAUR District	395	5.3712

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

**§ a. Current status related to C & D Waste**

S.No.	Urban Local Bodies	Generation in MT Per Day
1	Nagar Palika Mandsaur	1.4
2	Nagar Parishad Garoth	0.1
3	Nagar Parishad Malhargarh	0.04
4	Nagar Parishad Narayangarh	0.011
5	Nagar Parishad Bhanpura	0.05
6	Nagar Parishad Sitamau	0.2
7	Nagar Parishad Shamgarh	5
8	Nagar Parishad Suwasra	0.5
9	Nagar Parishad Nagri	0.14
10	Nagar Parishad Pipliyamandi	0.05

2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules					
NAGAR PALIKA MANDSAUR					
(i) Solid Waste Management					
b. Identification of gaps and Action plan (MSW)					
S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	100% Dry and wet waste is collected in segregated form from the households.	NA	Nagar Palika Mandsaur	Completed
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	No gap	NA	Nagar Palika Mandsaur	Completed
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	No, Not required	1 mechanical sweeping machine used . Rest sweeping is done manually.	Nagar Palika Mandsaur	Completed
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	100% collection achieved - No gap	100% waste collection is done by Nagar Palika Mandsaur.	Nagar Palika Mandsaur	Completed
(ii)	<b>Arrangement for door to door collection</b>	100% Door to Door Collection is done and covered all 50 Wards. No Gap	100% Door to Door Collection is done and covered in all Wards.	Nagar Palika Mandsaur	Completed
(iii)	Waste Collection trolleys with separate compartments	Gap found	28 Vehicles available for MSW collection, 15 more required	Nagar Palika Mandsaur	NA
(iv)	Mini Collection Trucks with separate compartments	Gap found	5 Tipping truck available for MSW collection, 4 more tipping trucks required	Nagar Palika Mandsaur	Proposed
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap - 100%	There is no specified waste depostion centre in Nagar Palika Mandsaur.	Nagar Palika Mandsaur	Proposed
<b>4</b>	<b>Waste Transport</b>				
(i)	<b>Review existing infrastructure for waste Transport.</b>	[Check (i) whether existing fleet is adequate (ii) check whether segregated waste transport possible, etc.]	Purchase of 16 Tipping waste collection truck is proposed	Nagar Palika Mandsaur	Dec-22
(ii)	Bulk Waste Trucks	No gap	5 Bulk waste available	Nagar Palika Mandsaur	Completed
(iii)	Waste Transfer points	No gap	Waste Transfer points are not required.	Nagar Palika Mandsaur	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Bulk waste generator identification to be required. Gap-100%	Inventory of bulk waste generator is proposed	Nagar Palika Mandsaur	Dec-22

(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	Gap 50%	There is 1 vermicomposting 1 composting pits available for the processing of wet waste	Nagar Palika Mandsaur	Dec-22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No facility available. Gap100%	No MRF facility available.	Nagar Palika Mandsaur	Dec-22
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	No sanitary landfill available. Gap-100%	Constrcution of sanitary landfill is proposed.	Nagar Palika Mandsaur	Dec-22
(v)	Remediation of historic / legacy dumpsite	Bio remediation of legacy waste is not done. Gap-100%	Bio remediation of legacy waste is not done.	Nagar Palika Mandsaur	Dec-22
(vi)	Involvement of NGOs	Gap - 100%	Involvement of NGO's is to be done.	Nagar Palika Mandsaur	Dec-22
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Presently no linkage. Gap-100%	Linkage with Producers/Brand Owners to be done.	Nagar Palika Mandsaur	Dec-22
(viii)	Authorisation of Waste Pickers	No	Authorization of waste pickers to be done.	Nagar Palika Mandsaur	Dec-22
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Palika Mandsaur	Completed

**(ii) Plastic waste Management**

**(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	100% door to door collection being done, however strong IEC plan proposed for 100%	Nagar Palika Mandsaur	Completed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap - 100%	No Such Facility is available.	Nagar Palika Mandsaur	Initated
		No gap	1 Plastic Waste Collection is Established.	Nagar Palika Mandsaur	Completed
		Advertisements through Social Media, Newspapers, Radios and through slogans is done. Gap-nil, however it is continuous process	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Mandsaur	Routine work
		Gap - 100%	No access available.	Nagar Palika Mandsaur	Dec-22
		No gap	100% door to door collection being done, however strong IEC plan proposed for 100%	Nagar Palika Mandsaur	Completed
		Gap - 100%	No Such Facility is available.	Nagar Palika Mandsaur	Initated
3	PW collection Centres	No gap	1 Plastic Waste Collection is Established.	Nagar Palika Mandsaur	Completed
4	Awareness and education programs implementation	Advertisements through Social Media, Newspapers, Radios and through slogans is done. Gap-nil, however it is continuous process	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Mandsaur	Routine work



5	Access to Plastic Waste Disposal Facilities	Gap - 100%	No access available.	Nagar Palika Mandsaur	Dec-22
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**(iii) C & D Waste Management**

**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.	At present No Facility exist. Gap-100%	separate collection of C&D waste, establishment of C&D waste collection & recycling facility is required.	Nagar Palika Mandsaur	Dec-22
2	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	Gap 100%	To be Notified	Nagar Palika Mandsaur	Dec-22
3	C&D recycling Facility	Gap 100%	No C&D waste recycling facility is established.	Nagar Palika Mandsaur	Proposed
4	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	C&D waste is being used to dump in the low lying areas. Gap-100%	C&D waste is being used to dump in the low lying areas.	Nagar Palika Mandsaur	Proposed
5	ICE on C & D waste management	Gap 100%	IEC plan proposed to creat awarens on C & D waste management	Nagar Palika Mandsaur	Proposed

2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules					
NAGAR PARISHAD NAGRI					
(i) Solid Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	100% Dry and wet waste is collected in segregated form from the households.	NA	Nagar Palika Parishad Nagri	Completed
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	100% Manual Sweeping is done by the cleanliness workers of Nagar Palika Parishad Nagri.	NA	Nagar Palika Parishad Nagri	Completed
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	Gaps if any in achieving targeted area or length of road identified for Mechanical Road Sweeping.	Proposed	Nagar Palika Parishad Nagri	Proposed
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No gap	100% waste collection is done by Nagar Palika Parishad Nagri.	Nagar Palika Parishad Nagri	Completed
(ii)	<b>Arrangement for door to door collection</b>	100% Door to Door Collection is done and covered all Wards. No Gap.	100% Door to Door Collection is done and covered in all Wards.	Nagar Palika Parishad Nagri	Completed
(iii)	Waste Collection trolleys with separate compartments	Gap - 100%	0 available. 2 required	Nagar Palika Parishad Barwani	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Gap - 50%	2 Tipping trucks are available out of the 4 mini collection trucks required for the solid waste collection in the ULB.	Nagar Palika Parishad Nagri	Proposed
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap - 100%	There is no specified waste deposition centre in Nagar Palika Parishad Nagri.	Nagar Palika Parishad Nagri	Dec-22
<b>4</b>	<b>Waste Transport</b>				
(i)	<b>Review existing infrastructure for waste Transport.</b>	Gap - 50%	2 Tipping trucks are available out of the 4 mini collection trucks required for the solid waste collection in the ULB.	Nagar Palika Parishad Nagri	Dec-22
(ii)	Bulk Waste Trucks	Not required, no gap	not required	Nagar Palika Parishad Nagri	NA
(iii)	Waste Transfer points	No gap	Waste Transfer points are not required.	Nagar Palika Parishad Nagri	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				

(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Small town. Very few bulk waste generator are there	Inventorization of Bulk waste generators is proposed.	Nagar Palika Parishad Nagri	Dec-22
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	Gap - 100%	Bio remediation of legacy waste is not done.	Nagar Palika Parishad Nagri	Dec-22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No gap	1 MRF facility available.	Nagar Palika Parishad Nagri	Completed
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Does the agency still disposing waste in dumpsites? Whether sanitary landfill available ? / Plan for constructing sanitary landfill or arrangement with ULBs	Construction of sanitary landfill is proposed.	Nagar Palika Parishad Nagri	Dec-22
(v)	Remediation of historic / legacy dumpsite	Gap - 100%	Bio remediation of legacy waste is not done.	Nagar Palika Parishad Nagri	Dec-22
(vi)	Involvement of NGOs	Gap - 100%	Involvement of NGO's is to be done.	Nagar Palika Parishad Nagri	Dec-22
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Gap - 100%	Linkage with Producers/Brand Owners to be done.	Nagar Palika Parishad Nagri	Dec-22
(viii)	Authorisation of Waste Pickers	No	Authorization of waste pickers to be done.	Nagar Palika Parishad Nagri	Dec-22
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Palika Parishad Nagri	Completed

**(ii) Plastic waste Management**

**(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	100% door to door collection being done.	Nagar Palika Parishad Nagri	Proposed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap - 100%	No Such Facility is available.	Nagar Palika Parishad Nagri	Proposed
3	PW collection Centres	Gap - 100%	No Plastic Waste Collection is Established.	Nagar Palika Parishad Nagri	Dec-22

4	Awareness and education programs implementation	Gap - 100%	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Parishad Nagri	Completed
5	Access to Plastic Waste Disposal Facilities	Gap - 100%	No access available.	Nagar Palika Parishad Nagri	Dec-22

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

**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.	Gap - 100%	No separate collection of C&D waste is done, establishment of C&D waste collection &	Nagar Palika Parishad Nagri	Dec-22
2	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	Gap - 100%	To be Notified	Nagar Palika Parishad Nagri	Dec-22
3	C&D recycling Facility	Gap - 100%	No C&D waste recycling facility is established.	Nagar Palika Parishad Nagri	Dec-22
4	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road	Gap - 100%	C&D waste is being used to dump in the low lying areas.	Nagar Palika Parishad Nagri	Dec-22
5	ICE on C & D waste management	yes sustained system of creating awareness created among local communities.	Action plan for awareness and education	Nagar Palika Parishad Nagri	completed

2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules					
NAGAR PARISHAD GAROTH					
(i) Solid Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	100% Dry and wet waste is collected in segregated form from the households.	NA	Nagar Palika Parishad Garoth	Completed
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	100% Manual Sweeping is done by the cleanliness workers of Nagar Palika Parishad Garoth.	NA	Nagar Palika Parishad Garoth	Completed
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	Gaps if any in achieving targeted area or length of road identified for Mechanical Road Sweeping.	Proposed	Nagar Palika Parishad Garoth	Proposed
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No gap	100% waste collection is done by Nagar Palika Parishad Garoth.	Nagar Palika Parishad Garoth	Completed
(ii)	<b>Arrangement for door to door collection</b>	100% Door to Door Collection is done and covered all Wards. No Gap.	100% Door to Door Collection is done and covered in all Wards.	Nagar Palika Parishad Garoth	Completed
(iii)	Waste Collection trolleys with separate compartments	Gap - 100%	0 available. 2 required	Nagar Palika Parishad Garoth	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Gap - 50%	2 Tipping trucks are available out of the 4 mini collection trucks required for the solid waste collection in the ULB.	Nagar Palika Parishad Garoth	Proposed
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap - 100%	There is no specified waste deposition centre in Nagar Palika Parishad Garoth.	Nagar Palika Parishad Garoth	Dec-22
<b>4</b>	<b>Waste Transport</b>				
(i)	<b>Review existing infrastructure for waste Transport.</b>	Gap - 50%	2 Tipping trucks are available out of the 4 mini collection trucks required for the solid waste collection in the ULB.	Nagar Palika Parishad Garoth	Dec-22
(ii)	Bulk Waste Trucks	Not required, no gap	not required	Nagar Palika Parishad Garoth	NA
(iii)	Waste Transfer points	No gap	Waste Transfer points are not required.	Nagar Palika Parishad Garoth	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				

(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Small town. Very few bulk waste generator are there	Inventorization of Bulk waste generators is proposed.	Nagar Palika Parishad Garoth	Dec-22
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	Gap - 100%	Bio remediation of legacy waste is not done.	Nagar Palika Parishad Garoth	Dec-22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No gap	1 MRF facility available.	Nagar Palika Parishad Garoth	Completed
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Does the agency still disposing waste in dumpsites? Whether sanitary landfill available ? / Plan for constructing sanitary landfill or arrangement with ULBs	Construction of sanitary landfill is proposed.	Nagar Palika Parishad Garoth	Dec-22
(v)	Remediation of historic / legacy dumpsite	Gap - 100%	Bio remediation of legacy waste is not done.	Nagar Palika Parishad Garoth	Dec-22
(vi)	Involvement of NGOs	Gap - 100%	Involvement of NGO's is to be done.	Nagar Palika Parishad Garoth	Dec-22
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Gap - 100%	Linkage with Producers/Brand Owners to be done.	Nagar Palika Parishad Garoth	Dec-22
(viii)	Authorisation of Waste Pickers	No	Authorization of waste pickers to be done.	Nagar Palika Parishad Garoth	Dec-22
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Palika Parishad Garoth	Completed

**(ii) Plastic waste Management**

**(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	100% door to door collection being done.	Nagar Palika Parishad Garoth	Proposed
2	Facilitate organised collection of PW at Waste transfer point or	Gap - 100%	No Such Facility is available.	Nagar Palika Parishad	Proposed
3	PW collection Centres	Gap - 100%	No Plastic Waste Collection is Established.	Nagar Palika Parishad Garoth	Dec-22
4	Awareness and education programs implementation	Gap - 100%	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Parishad Garoth	Completed

5	Access to Plastic Waste Disposal Facilities	Gap - 100%	No access available.	Nagar Palika Parishad Garoth	Dec-22
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**(iii) C & D Waste Management**

**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.	Gap - 100%	No separate collection of C&D waste is done, establishment of C&D waste collection &	Nagar Palika Parishad Garoth	Dec-22
2	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	Gap - 100%	To be Notified	Nagar Palika Parishad Garoth	Dec-22
3	C&D recycling Facility	Gap - 100%	No C&D waste recycling facility is established.	Nagar Palika Parishad Garoth	Dec-22
4	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road	Gap - 100%	C&D waste is being used to dump in the low lying areas.	Nagar Palika Parishad Garoth	Dec-22
5	ICE on C & D waste management	yes sustained system of creating awareness created among local communities.	Action plan for awareness and education	Nagar Palika Parishad Garoth	completed

2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules					
NAGAR PARISHAD PIPLIYAMANDI					
(i) Solid Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action
<b>1</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	100% Dry and wet waste is collected in segregated form from the households.	NA	Nagar Palika Parishad Pipliyamandi	Completed
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	100% Manual Sweeping is done by the cleanliness workers of Nagar Palika Parishad Pipliyamandi.	NA	Nagar Palika Parishad Pipliyamandi	Completed
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	No gap, not required	Not required	Nagar Palika Parishad Pipliyamandi	NA
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No gap, not required	100% waste collection is done by Nagar Palika Parishad Pipliyamandi.	Nagar Palika Parishad Pipliyamandi	Completed
(ii)	<b>Arrangement for door to door collection</b>	Arrangement for door to door provided: % of blocks/ wards covered	100% Door to Door Collection is done and covered in all 24 Wards.	Nagar Palika Parishad Pipliyamandi	Completed
(iii)	Waste Collection trolleys with separate compartments	Gap - 100%	0 available out of 3 required	Nagar Palika Parishad Pipliyamandi	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Gap found	5 mini Collection trucks are available out of the 7 mini collection trucks required for the solid waste collection in the ULB.	Nagar Palika Parishad Pipliyamandi	Dec-22
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap - 100%	There is no specified waste deposition centre in Nagar Palika Parishad Pipliyamandi.	Nagar Palika Parishad Pipliyamandi	Dec-22
<b>4</b>	<b>Waste Transport</b>				
(i)	<b>Review existing infrastructure for waste Transport.</b>	Not adequate. Gap found	3 trolleys and 4 trucks required.	Nagar Palika Parishad Pipliyamandi	Dec-22
(ii)	Bulk Waste Trucks	Not required	Not required	Nagar Palika Parishad Pipliyamandi	NA
(iii)	Waste Transfer points	Not required	Not required	Nagar Palika Parishad Pipliyamandi	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				



(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Gap - 100%	Inventorization of Bulk waste generators is proposed.	Nagar Palika Parishad Pipliyamandi	Dec-22
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	No gap, not required	There is 1 composting pits available for the processing of wet waste.	Nagar Palika Parishad Pipliyamandi	Dec-22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Gap - 100%	No MRF facility available.	Nagar Palika Parishad Pipliyamandi	Dec-22
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Gap - 100%	Constrction of sanitary landfill is proposed.	Nagar Palika Parishad Pipliyamandi	Dec-22
(v)	Remediation of historic / legacy dumpsite	Gap - 100%	Bio remediation of legacy waste is not done.	Nagar Palika Parishad Pipliyamandi	Dec-22
(vi)	Involvement of NGOs	Gap - 100%	Involvement of NGO's is to be done.	Nagar Palika Parishad Pipliyamandi	Dec-22
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Gap - 100%	Linkage with Producers/Brand Owners to be done.	Nagar Palika Parishad Pipliyamandi	Dec-22
(viii)	Authorisation of Waste Pickers	No	Authorization of waste pickers to be done.	Nagar Palika Parishad Pipliyamandi	Dec-22
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Palika Parishad Pipliyamandi	Completed

**(ii) Plastic waste Management**

**(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	100 %, collection	100% door to door collection being done	Nagar Palika Parishad Pipliyamandi	Proposed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap - 100%	Programmes is being organized for collection of Plastic Waste at MRF.	Nagar Palika Parishad Pipliyamandi	Proposed
3	PW collection Centres	Gap - 100%	1 Plastic Waste Collection is needed.	Nagar Palika Parishad Pipliyamandi	Initiated
4	Awareness and education programs implementation	Advertisements through Social Media, Newspapers, Radios and through slogans is done. Gap-nil, however it is continuous process.	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Parishad Pipliyamandi	Routine work

5	Access to Plastic Waste Disposal Facilities	Plastic Waste shall be disposed by MRF to registered plastic waste recyclers. Gap-100%	No access available.	Nagar Palika Parishad Pipliyamandi	Dec-22
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**(iii) C & D Waste Management**

**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.	Gap - 100%	No separate collection of C&D waste is done, establishment of C&D waste collection &	Nagar Palika Parishad Pipliyamandi	Dec-22
2	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	Gap - 100%	To be Notified	Nagar Palika Parishad Pipliyamandi	Dec-22
3	C&D recycling Facility	Gap - 100%	No C&D waste recycling facility is established.	Nagar Palika Parishad Pipliyamandi	Dec-22
4	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Gap - 100%	C&D waste is being used to dump in the low lying areas.	Nagar Palika Parishad Pipliyamandi	Dec-22
5	ICE on C & D waste management	Is there any sustained system of creating awareness created among local communities.	No	Nagar Palika Parishad Pipliyamandi	Dec-22

2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules					
NAGAR PARISHAD MALHARGARH					
(i) Solid Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action
<b>1</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	100% Dry and wet waste is collected in segregated form from the households.	NA	Nagar Palika Parishad Malhargarh	Completed
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	100% Manual Sweeping is done by the cleanliness workers of Nagar Palika Parishad Malhargarh.	NA	Nagar Palika Parishad Malhargarh	Completed
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	No gap, not required	Not required	Nagar Palika Parishad Malhargarh	NA
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No gap, not required	100% waste collection is done by Nagar Palika Parishad Malhargarh.	Nagar Palika Parishad Malhargarh	Completed
(ii)	<b>Arrangement for door to door collection</b>	Arrangement for door to door provided: % of blocks/ wards covered	100% Door to Door Collection is done and covered in all 24 Wards.	Nagar Palika Parishad Malhargarh	Completed
(iii)	Waste Collection trolleys with separate compartments	Gap - 100%	0 available out of 3 required	Nagar Palika Parishad Malhargarh	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Gap found	5 mini Collection trucks are available out of the 7 mini collection trucks required for the solid waste collection in the ULB.	Nagar Palika Parishad Malhargarh	Dec-22
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap - 100%	There is no specified waste deposition centre in Nagar Palika Parishad Malhargarh.	Nagar Palika Parishad Malhargarh	Dec-22
<b>4</b>	<b>Waste Transport</b>				
(i)	<b>Review existing infrastructure for waste Transport.</b>	Not adequate. Gap found	3 trolleys and 4 trucks required.	Nagar Palika Parishad Malhargarh	Dec-22
(ii)	Bulk Waste Trucks	Not required	Not required	Nagar Palika Parishad Malhargarh	NA
(iii)	Waste Transfer points	Not required	Not required	Nagar Palika Parishad Malhargarh	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				

(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Gap - 100%	Inventorization of Bulk waste generators is proposed.	Nagar Palika Parishad Malhargarh	Dec-22
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	No gap, not required	There is 1 composting pits available for the processing of wet waste.	Nagar Palika Parishad Malhargarh	Dec-22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Gap - 100%	No MRF facility available.	Nagar Palika Parishad Malhargarh	Dec-22
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Gap - 100%	Constrction of sanitary landfill is proposed.	Nagar Palika Parishad Malhargarh	Dec-22
(v)	Remediation of historic / legacy dumpsite	Gap - 100%	Bio remediation of legacy waste is not done.	Nagar Palika Parishad Malhargarh	Dec-22
(vi)	Involvement of NGOs	Gap - 100%	Involvement of NGO's is to be done.	Nagar Palika Parishad Malhargarh	Dec-22
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Gap - 100%	Linkage with Producers/Brand Owners to be done.	Nagar Palika Parishad Malhargarh	Dec-22
(viii)	Authorisation of Waste Pickers	No	Authorization of waste pickers to be done.	Nagar Palika Parishad Malhargarh	Dec-22
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Palika Parishad Malhargarh	Completed

**(ii) Plastic waste Management**

**(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	100 %, collection	100% door to door collection being done	Nagar Palika Parishad Malhargarh	Proposed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap - 100%	Programmes is being organized for collection of Plastic Waste at MRF.	Nagar Palika Parishad Malhargarh	Proposed
3	PW collection Centres	Gap - 100%	1 Plastic Waste Collection is needed.	Nagar Palika Parishad Malhargarh	Initated
4	Awareness and education programs implementation	Advertisements through Social Media, Newspapers, Radios and through slogans is done. Gap-nil, however it is continuous process.	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Parishad Malhargarh	Routine work

5	Access to Plastic Waste Disposal Facilities	Plastic Waste shall be disposed by MRF to registered plastic waste recyclers. Gap-100%	No access available.	Nagar Palika Parishad Malhargarh	Dec-22
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**(iii) C & D Waste Management**

**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.	Gap - 100%	No separate collection of C&D waste is done, establishment of C&D waste collection &	Nagar Palika Parishad Malhargarh	Dec-22
2	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	Gap - 100%	To be Notified	Nagar Palika Parishad Malhargarh	Dec-22
3	C&D recycling Facility	Gap - 100%	No C&D waste recycling facility is established.	Nagar Palika Parishad Malhargarh	Dec-22
4	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Gap - 100%	C&D waste is being used to dump in the low lying areas.	Nagar Palika Parishad Malhargarh	Dec-22
5	ICE on C & D waste management	Is there any sustained system of creating awareness created among local communities.	No	Nagar Palika Parishad Malhargarh	Dec-22

2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules					
NAGAR PARISHAD NARAYANGARH					
(i) Solid Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action
<b>1</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	100% Dry and wet waste is collected in segregated form from the households.	NA	Nagar Palika Parishad Narayangarh	Completed
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	100% Manual Sweeping is done by the cleanliness workers of Nagar Palika Parishad Narayangarh. No gap	NA	Nagar Palika Parishad Narayangarh	Completed
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	No gap	Not required	Nagar Palika Parishad Narayangarh	NA
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No gap	100% waste collection is done by Nagar Palika Parishad Narayangarh.	Nagar Palika Parishad Narayangarh	Completed
(ii)	<b>Arrangement for door to door collection</b>	Arrangement for door to door collection provided:	100% Door to Door Collection is done and covered in all Wards.	Nagar Palika Parishad Narayangarh	Completed
(iii)	Waste Collection trolleys with separate compartments	Gap - 100%	No waste collection trolleys available out of 4 required trolleys.	Nagar Palika Parishad Narayangarh	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Gap found	3 Tipping truck are available out of the 4 mini collection trucks required for the solid waste collection in the ULB.	Nagar Palika Parishad Narayangarh	Dec-22
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap - 100%	Not required	Nagar Palika Parishad Narayangarh	Proposed
<b>4</b>	<b>Waste Transport</b>				
(i)	<b>Review existing infrastructure for waste Transport.</b>	Gap found	3 Tipping truck are available out of the 4 mini collection trucks required for the solid waste collection in the ULB.	Nagar Palika Parishad Narayangarh	Dec-22
(ii)	Bulk Waste Trucks	No gap	Not required	Nagar Palika Parishad Narayangarh	NA
(iii)	Waste Transfer points	No gap	Waste Transfer points are not required.	Nagar Palika Parishad Narayangarh	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				

(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Gap - 100%	Inventorization of Bulk waste generator is proposed.	Nagar Palika Parishad Narayangarh	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	No gap	There are 1 composting pits available for the processing of wet waste.	Nagar Palika Parishad Narayangarh	Completed
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Gap 100%	No MRF facility available.	Nagar Palika Parishad Narayangarh	Dec-22
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Gap 100%	Construction of sanitary landfill is proposed.	Nagar Palika Parishad Narayangarh	Dec-22
(v)	Remediation of historic / legacy dumpsite	Gap 100%	Bio remediation of legacy waste is not done.	Nagar Palika Parishad Narayangarh	Dec-22
(vi)	Involvement of NGOs	Not required	Not required	Nagar Palika Parishad Narayangarh	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	NA	NA	Nagar Palika Parishad Narayangarh	NA
(viii)	Authorisation of Waste Pickers	Local body is collecting the waste door to door and	Authorization of waste pickers to be done.	Nagar Palika Parishad Narayangarh	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Palika Parishad Narayangarh	Completed

**(ii) Plastic waste Management**

**(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	100% collection done	Nagar Palika Parishad Narayangarh	Completed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap - 100%	No Such Facility is available.	Nagar Palika Parishad Narayangarh	Dec-22
3	PW collection Centres	It's a small town, hence separate PW collection not required.	NA	Nagar Palika Parishad Narayangarh	NA
4	Awareness and education programs implementation	Advertisements through Social Media, Newspapers, Radios and through slogans is done. Gap-nil, however it is continuous process.	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Parishad Narayangarh	Completed

5	Access to Plastic Waste Disposal Facilities	Gap - 100%	No access available.	Nagar Palika Parishad Narayangarh	Dec-22
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**(iii) C & D Waste Management**

**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.	Gap 100%	No separate collection of C&D waste is done, establishment of C&D waste collection &	Nagar Palika Parishad Narayangarh	Dec-22
2	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	Gap 100%	Notified & Initiated	Nagar Palika Parishad Narayangarh	Dec-22
3	C&D recycling Facility	Gap 100%	No C&D waste recycling facility is established.	Nagar Palika Parishad Narayangarh	Dec-22
4	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Gap 100%	C&D waste is being used to dump in the low lying areas.	Nagar Palika Parishad Narayangarh	Dec-22
5	ICE on C & D waste management	Gap 100%	IEC plan proposed to creat awarens on C & D waste management	Nagar Palika Parishad Narayangarh	Proposed



2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules					
NAGAR PARISHAD BHANPURA					
(i) Solid Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	100% Dry and wet waste is collected in segregated form from the households.	NA	Nagar Palika Parishad Bhanpura	Completed
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	100% Manual Sweeping is done by the cleanliness workers of Nagar Palika Parishad Barwani.	NA	Nagar Palika Parishad Bhanpura	Completed
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	No Gap	Not required	Nagar Palika Parishad Bhanpura	NA
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No Gap	100% waste collection is done by Nagar Palika Parishad Bhanpura.	Nagar Palika Parishad Bhanpura	Completed
(ii)	<b>Arrangement for door to door collection</b>	No Gap	100% Door to Door Collection is done and covered in all 15 Wards.	Nagar Palika Parishad Bhanpura	Completed
(iii)	Waste Collection trolleys with separate compartments	Gap - 100%	0 waste collection trolleys available out of 2 required trolleys.	Nagar Palika Parishad Bhanpura	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Gap found	3 mini Collection trucks are available 2 mini collection truck are needed	Nagar Palika Parishad Bhanpura	Dec-22
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap 100%	There is no specified waste deposition centre in Nagar Palika Parishad Bhanpura.	Nagar Palika Parishad Bhanpura	Dec-22
<b>4</b>	<b>Waste Transport</b>				
(i)	<b>Review existing infrastructure for waste Transport.</b>	Gap found	3 mini Collection trucks are available 2 mini collection truck are needed	Nagar Palika Parishad Bhanpura	Dec-22
(ii)	Bulk Waste Trucks	Not required	Not required	Nagar Palika Parishad Bhanpura	NA
(iii)	Waste Transfer points	Not required	Waste Transfer points are not required.	Nagar Palika Parishad Bhanpura	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				

(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	NA	NA	Nagar Palika Parishad Bhanpura	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	No Gap	There are 1 composting pits available for the processing of wet waste.	Nagar Palika Parishad Bhanpura	Completed
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Gap - 100%	No MRF facility available.	Nagar Palika Parishad Bhanpura	Completed
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Gap 100%	Constrcution of sanitary landfill is proposed.	Nagar Palika Parishad Bhanpura	Proposed
(v)	Remediation of historic / legacy dumpsite	Gap 100%	Bio remediation of legacy waste is not done.	Nagar Palika Parishad Bhanpura	Proposed
(vi)	Involvement of NGOs	NA.	NA	Nagar Palika Parishad Bhanpura	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	NA	NA	Nagar Palika Parishad Bhanpura	NA
(viii)	Authorisation of Waste Pickers	Local body is collecting the waste door to door and transporting, hence not applicable	Authorization of waste pickers to be done.	Nagar Palika Parishad Bhanpura	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Palika Parishad Bhanpura	Completed

**(ii) Plastic waste Management**

<b>(b) Identification of gaps and Action plan:</b>

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	100% door to door collection is done	Nagar Palika Parishad Bhanpura	Completed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap - 100%	No Such Facility is available.	Nagar Palika Parishad Bhanpura	Dec-22
3	PW collection Centres	t's a small town, hence separate PW collection not required.	0 Plastic Waste Collection is Established.	Nagar Palika Parishad Bhanpura	NA
4	Awareness and education programs implementation	Advertisements through Social Media, Newspapers, Radios and through slogans is done. Gap-nil, however it is continuous process.	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Parishad Bhanpura	Completed

5	Access to Plastic Waste Disposal Facilities	Gap - 100%	No access available.	Nagar Palika Parishad Bhanpura	Dec-22
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**(iii) C & D Waste Management**

**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.	Gap - 100%	No separate collection of C&D waste is done, establishment of C&D waste collection &	Nagar Palika Parishad Bhanpura	Dec-22
2	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	Gap - 100%	Notified & Initiated	Nagar Palika Parishad Bhanpura	Dec-22
3	C&D recycling Facility	Gap - 100%	No C&D waste recycling facility is established.	Nagar Palika Parishad Bhanpura	Dec-22
4	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Gap - 100%	C&D waste is being used to dump in the low lying areas.	Nagar Palika Parishad Bhanpura	Dec-22
5	ICE on C & D waste management	Gap - 100%	No	Nagar Palika Parishad Bhanpura	Dec-22

2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules					
NAGAR PARISHAD SHAMGARH					
(i) Solid Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	100% Dry and wet waste is collected in segregated form from the households.	NA	Nagar Palika Parishad Shamgarh	Completed
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	100% Manual Sweeping is done by the cleanliness workers of Nagar Palika Parishad Barwani.	NA	Nagar Palika Parishad Shamgarh	Completed
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	Not required	Not required	Nagar Palika Parishad Shamgarh	NA
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No gap	100% waste collection is done by Nagar Palika Parishad Shamgarh.	Nagar Palika Parishad Shamgarh	Completed
(ii)	<b>Arrangement for door to door collection</b>	No gap	100% Door to Door Collection is done and covered in all 24 Wards.	Nagar Palika Parishad Shamgarh	Completed
(iii)	Waste Collection trolleys with separate compartments	Gap found	1 waste collection trolleys available 2 more are required.	Nagar Palika Parishad Shamgarh	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Gap found	3 Collection trucks are available 1 more is required.	Nagar Palika Parishad Shamgarh	Dec-22
(v)	Waste Deposition centres (for domestic hazardous wastes)	No gap	Not required	Nagar Palika Parishad Shamgarh	NA
<b>4</b>	<b>Waste Transport</b>				
(i)	<b>Review existing infrastructure for waste Transport.</b>	Gap found	3 Collection trucks are available 1 more is required.	Nagar Palika Parishad Shamgarh	Dec-22
(ii)	Bulk Waste Trucks	No gap	Not required	Nagar Palika Parishad Shamgarh	NA
(iii)	Waste Transfer points	No gap	Not required	Nagar Palika Parishad Shamgarh	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				

(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	No gap	No bulk generators are there in the town	Nagar Palika Parishad Shamgarh	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	Gap - 100%	No composting pit available for the processing of wet waste.	Nagar Palika Parishad Shamgarh	Dec-22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Gap - 100%	No MRF facility available.	Nagar Palika Parishad Shamgarh	Initiated
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Gap - 100%	Constrction of sanitary landfill is proposed.	Nagar Palika Parishad Shamgarh	Dec-22
(v)	Remediation of historic / legacy dumpsite	Gap - 100%	Bio remediation of legacy waste is not done.	Nagar Palika Parishad Shamgarh	Proposed
(vi)	Involvement of NGOs	Gap - 100%	Involvement of NGO's is to be done.	Nagar Palika Parishad Shamgarh	Proposed
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	NA	NA	Nagar Palika Parishad Shamgarh	NA
(viii)	Authorisation of Waste Pickers	Yes.	Authorization of waste pickers to be done.	Nagar Palika Parishad Shamgarh	Proposed
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No gap	SWM 2016 rules followed	Nagar Palika Parishad Shamgarh	Completed

**(ii) Plastic waste Management**

**(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	100% door to door collection is done	Nagar Palika Parishad Shamgarh	Completed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap - 100%	No Such Facility is available.	Nagar Palika Parishad Shamgarh	Dec-22
3	PW collection Centres	t's a small town, hence separate PW collection not required.	0 Plastic Waste Collection is Established.	Nagar Palika Parishad Shamgarh	NA
4	Awareness and education programs implementation	Review existing gaps in creating awareness among public for minimising and recycling PW	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Parishad Shamgarh	Completed

5	Access to Plastic Waste Disposal Facilities	Gap - 100%	No access available.	Nagar Palika Parishad Shamgarh	Dec-22
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**(iii) C & D Waste Management**

**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.	Gap - 100%	No separate collection of C&D waste is done, establishment of C&D waste	Nagar Palika Parishad Shamgarh	Dec-22
2	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	Gap - 100%	Notified & Initiated	Nagar Palika Parishad Shamgarh	Dec-22
3	C&D recycling Facility	Gap - 100%	No C&D waste recycling facility is established.	Nagar Palika Parishad Shamgarh	Dec-22
4	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Gap - 100%	C&D waste is being used to dump in the low lying areas.	Nagar Palika Parishad Shamgarh	Dec-22
5	ICE on C & D waste management	Gap - 100%	No	Nagar Palika Parishad Shamgarh	Dec-22

2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules					
NAGAR PARISHAD SUWASRA					
(i) Solid Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	100% Dry and wet waste is collected in segregated form from the households.	NA	Nagar Palika Parishad Suwasra	Completed
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	100% Manual Sweeping is done by the cleanliness workers of Nagar Palika Parishad Barwani.	NA	Nagar Palika Parishad Suwasra	Completed
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	Not required	Not required	Nagar Palika Parishad Suwasra	NA
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No gap	100% waste collection is done by Nagar Palika Parishad Suwasra.	Nagar Palika Parishad Suwasra	Completed
(ii)	<b>Arrangement for door to door collection</b>	No gap	100% Door to Door Collection is done and covered in all 24 Wards.	Nagar Palika Parishad Suwasra	Completed
(iii)	Waste Collection trolleys with separate compartments	Gap found	1 waste collection trolleys available 2 more are required.	Nagar Palika Parishad Suwasra	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Gap found	3 Collection trucks are available 1 more is required.	Nagar Palika Parishad Suwasra	Dec-22
(v)	Waste Deposition centres (for domestic hazardous wastes)	No gap	Not required	Nagar Palika Parishad Suwasra	NA
<b>4</b>	<b>Waste Transport</b>				
(i)	<b>Review existing infrastructure for waste Transport.</b>	Gap found	3 Collection trucks are available 1 more is required.	Nagar Palika Parishad Suwasra	Dec-22
(ii)	Bulk Waste Trucks	No gap	Not required	Nagar Palika Parishad Suwasra	NA
(iii)	Waste Transfer points	No gap	Not required	Nagar Palika Parishad Suwasra	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				

(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	No gap	No bulk generators are there in the town	Nagar Palika Parishad Suwasra	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	Gap - 100%	No composting pit available for the processing of wet waste.	Nagar Palika Parishad Suwasra	Dec-22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Gap - 100%	No MRF facility available.	Nagar Palika Parishad Suwasra	Initiated
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Gap - 100%	Constrction of sanitary landfill is proposed.	Nagar Palika Parishad Suwasra	Dec-22
(v)	Remediation of historic / legacy dumpsite	Gap - 100%	Bio remediation of legacy waste is not done.	Nagar Palika Parishad Suwasra	Proposed
(vi)	Involvement of NGOs	Gap - 100%	Involvement of NGO's is to be done.	Nagar Palika Parishad Suwasra	Proposed
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	NA	NA	Nagar Palika Parishad Suwasra	NA
(viii)	Authorisation of Waste Pickers	Yes.	Authorization of waste pickers to be done.	Nagar Palika Parishad Suwasra	Proposed
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No gap	SWM 2016 rules followed	Nagar Palika Parishad Suwasra	Completed

**(ii) Plastic waste Management**

**(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	100% door to door collection is done	Nagar Palika Parishad Suwasra	Completed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap - 100%	No Such Facility is available.	Nagar Palika Parishad Suwasra	Dec-22
3	PW collection Centres	t's a small town, hence separate PW collection not required.	0 Plastic Waste Collection is Established.	Nagar Palika Parishad Suwasra	NA
4	Awareness and education programs implementation	Review existing gaps in creating awareness among public for minimising and recycling PW	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Parishad Suwasra	Completed



5	Access to Plastic Waste Disposal Facilities	Gap - 100%	No access available.	Nagar Palika Parishad Suwasra	Dec-22
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**(iii) C & D Waste Management**

**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.	Gap - 100%	No separate collection of C&D waste is done, establishment of C&D waste	Nagar Palika Parishad Suwasra	Dec-22
2	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	Gap - 100%	Notified & Initiated	Nagar Palika Parishad Suwasra	Dec-22
3	C&D recycling Facility	Gap - 100%	No C&D waste recycling facility is established.	Nagar Palika Parishad Suwasra	Dec-22
4	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Gap - 100%	C&D waste is being used to dump in the low lying areas.	Nagar Palika Parishad Suwasra	Dec-22
5	ICE on C & D waste management	Gap - 100%	No	Nagar Palika Parishad Suwasra	Dec-22

2.0 Indicative Gap Analysis and Action Plans for complying with Waste Management Rules					
NAGAR PARISHAD SITAMAU					
(i) Solid Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points For villages / blocks/ town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
<b>1</b>	<b>Segregation</b>				
(i)	Segregation of waste at source	100% Dry and wet waste is collected in segregated form from the households.	NA	Nagar Palika Parishad Sitamau	Completed
<b>2</b>	<b>Sweeping</b>				
(i)	Manual Sweeping	100% Manual Sweeping is done by the cleanliness workers of Nagar Palika Parishad Barwani.	NA	Nagar Palika Parishad Sitamau	Completed
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	Not required	Not required	Nagar Palika Parishad Sitamau	NA
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No gap	100% waste collection is done by Nagar Palika Parishad Sitamau.	Nagar Palika Parishad Sitamau	Completed
(ii)	<b>Arrangement for door to door collection</b>	No gap	100% Door to Door Collection is done and covered in all 24 Wards.	Nagar Palika Parishad Sitamau	Completed
(iii)	Waste Collection trolleys with separate compartments	Gap found	1 waste collection trolleys available 2 more are required.	Nagar Palika Parishad Sitamau	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Gap found	3 Collection trucks are available 1 more is required.	Nagar Palika Parishad Sitamau	Dec-22
(v)	Waste Deposition centres (for domestic hazardous wastes)	No gap	Not required	Nagar Palika Parishad Sitamau	NA
<b>4</b>	<b>Waste Transport</b>				
(i)	<b>Review existing infrastructure for waste Transport.</b>	Gap found	3 Collection trucks are available 1 more is required.	Nagar Palika Parishad Sitamau	Dec-22
(ii)	Bulk Waste Trucks	No gap	Not required	Nagar Palika Parishad Sitamau	NA
(iii)	Waste Transfer points	No gap	Not required	Nagar Palika Parishad Sitamau	NA
<b>5</b>	<b>Waste Treatment and Disposal</b>				

(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	No gap	No bulk generators are there in the town	Nagar Palika Parishad Sitamau	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	Gap - 100%	No composting pit available for the processing of wet waste.	Nagar Palika Parishad Sitamau	Dec-22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	Gap - 100%	No MRF facility available.	Nagar Palika Parishad Sitamau	Initiated
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	Gap - 100%	Constrction of sanitary landfill is proposed.	Nagar Palika Parishad Sitamau	Dec-22
(v)	Remediation of historic / legacy dumpsite	Gap - 100%	Bio remediation of legacy waste is not done.	Nagar Palika Parishad Sitamau	Proposed
(vi)	Involvement of NGOs	Gap - 100%	Involvement of NGO's is to be done.	Nagar Palika Parishad Sitamau	Proposed
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	NA	NA	Nagar Palika Parishad Sitamau	NA
(viii)	Authorisation of Waste Pickers	Yes.	Authorization of waste pickers to be done.	Nagar Palika Parishad Sitamau	Proposed
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	No gap	SWM 2016 rules followed	Nagar Palika Parishad Sitamau	Completed

**(ii) Plastic waste Management**

**(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	100% door to door collection is done	Nagar Palika Parishad Sitamau	Completed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap - 100%	No Such Facility is available.	Nagar Palika Parishad Sitamau	Dec-22
3	PW collection Centres	t's a small town, hence separate PW collection not required.	0 Plastic Waste Collection is Established.	Nagar Palika Parishad Sitamau	NA
4	Awareness and education programs implementation	Review existing gaps in creating awareness among public for minimising and recycling PW	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Parishad Sitamau	Completed

5	Access to Plastic Waste Disposal Facilities	Gap - 100%	No access available.	Nagar Palika Parishad Sitamau	Dec-22
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**(iii) C & D Waste Management**

**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.	Gap - 100%	No separate collection of C&D waste is done, establishment of C&D waste	Nagar Palika Parishad Sitamau	Dec-22
2	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who generate more than 20 tons or more in one day or 300 tons per project in a month?	Gap - 100%	Notified & Initiated	Nagar Palika Parishad Sitamau	Dec-22
3	C&D recycling Facility	Gap - 100%	No C&D waste recycling facility is established.	Nagar Palika Parishad Sitamau	Dec-22
4	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Gap - 100%	C&D waste is being used to dump in the low lying areas.	Nagar Palika Parishad Sitamau	Dec-22
5	ICE on C & D waste management	Gap - 100%	No	Nagar Palika Parishad Sitamau	Dec-22

## (iv) Biomedical Waste Management

## a. Current Status related to biomedical waste

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	61
Total no. of non-bedded HCF	18
No. of HCFs authorised by SPCBs/PCCs	67
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	NONE
Capacity of CBWTFs	NA
No. of Deep burials for BMW if any	40
Quantity of biomedical waste generated per day	125 Kg/DAY
Quantity of biomedical waste treated per day	125 Kg/DAY

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	80% HCF are authorized and disposed there BMW to authorized CBWTF. Gap 20 %	Action plan for completing / updating of inventory and authorisation of HCFs by SPCBs/ PCCs Action plan for completing / updating of inventory and authorisation of HCFs by SPCBs/ PCCs	MPPCB	Jun-22
2	Adequacy of facilities to treat biomedical waste	yes there is gap, approx 15 %	Action plan for setting-up CBWTF or providing access to CBWTF with 75Km from places waste generation. Including identification of site for setting up such facility. Action plan for management of BMW through captive facilities in case of no access to CBWTF	MPPCB	Jun-22
3	Tracking of BMW	bar code system is implemented by all HCFs and CBWTFs. Gap nil	Plan for implementation of bar code system by all HCFs and CBWTFs in the district.	MPPCB	Completed

4	Awareness and education of healthcare staff	done time to time. Gap nil	Action plan for awareness programs and training to healthcare staff and ULB officials		
5	Adequacy of funds	adequate funds is allocated to Government health care facilities for bio-medical waste management by State Govt.	NA	Health Dept.	
6	Compliance to Rules by HCFs and CBWTFs	RO MPPCB ujjain monitor compliance of the rules. Gap nil	Draw action plan to monitor compliance of HCFs and CBWTFs through SPCBs/PCCs.	MPPCB	Completed
7	District Level Monitoring Committee	District Level Monitoring Committee has not been constitute. Gap 100%	Actin plan w.r.t Periodicity of reviews and follow- up by DLMC. Identify teams in health department to monitor compliance.	MPPCB/Dist. Admin.	Proposed
8	Wastewater Treatment	required HCFs alredy installed ETP/STP for wastewater treatment. Gap 20%	Action plan for installation of ETPs by HCFs where applicable.	MPPCB	Proposed

## (v) Hazardous Waste Management

## a. Current Status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No of Industries generating HW	28
Quantity of HW in the district	3.9 MT/Annum
(i) Quantity of Incinerable HW	0 MT/Yr
(ii) Quantity of land-fillable HW	1.99 MT/Yr
(iii) Quantity of Recyclable / utilizable HW	Recyclable-1.208 MT/Annum Utilizable- 0.702 MT/Annum
No of captive/common TSDF	NONE
Contaminated Sites or probable contaminated sites	NONE

## 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	yes all hazardous waste industries are identified and authorised by MPPCB Ujjain. Gap nil	Yes all the hazardous waste generating industries are identified and authorized by MPPCB.	MPPCB	Completed
2	Establishment of collection centres	no collection centres for hazardous wastes. Generated hazardous wastes by the industries are collected by common TSDFs / recyclers as situated at pithampur. Gap 0%	All the hz waste generating industries are required to be linked with TSDF & Waste be sent as per rule.	MPPCB	Proposed
3	Training of workers involved in handling / recycling / disposal of HW	Identify facilities / industries engaged in recycling / pre- processing / disposal of hazardous waste in the district. Gap 5%	persons working in the site with appropriate training, equipment and the information necessary to ensure their safety.	MPPCB	Completed
4	Availability / Linkage with common TSDF or disposal facility	yes generators of HW have access to common TSDF in the district MANDSAUR, gap nil	There is no TSDF site located in MANDSAUR. All the hazardous waste is sent to the Pithampur TSDF facility in Dhar District.	MPPCB	Completed
5	Contaminated Sites	no sites where soils / sediments/ groundwater contaminated due to dumping of industrial wastes. Gap 0%	None		Completed

## (vi) E-Waste Management

## a. Current Status related to E-Waste Management

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

b. Identification of gaps and action plan:					
S. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1	Inventory / Generation of E-Waste / Bulk-waste generators	Yes inventory of E-Waste of the MANDSAUR District completed. Inventory of bulk waste generators are also completed. Gap nil	Completion of inventory	MPPCB Ujjain	Completed
2	E-Waste collection points	No e waste collection centres are in the city. Gap 100%	No collection centre in the district.	MPPCB/ULB	proposed
3	Linkage among Stakeholders to channelize E-Waste	Check whether District administration has information on collection centres established by Producers / PROs? Administration should also identify authorised E-Waste recyclers in the district or in State to channelize E-waste collected in District.	Action plan to establish linkages between ULBs / Collection Centres of Producers and PROs / SPCBs / Bulk waste generators / Recyclers / SPCBs / District Administration / Public	MPPCB/ULB	
4	Regulation of Illegal E-Waste recycling / dismantling	Prevalence of informal trading, dismantling, and recycling of E-waste is in District. Gap nil	Yearly monitoring is done.	MPPCB/ULB	
5	Integration of informal sector	no mechanism exists for bringing informal sector into main stream in collection and recycling of E-Waste. Gap 100%	Evolve mechanism by involving producers / PROs.	MPPCB/ULB	Proposed
6	Awareness and Education	programs at district level for awareness about E- waste management are being done. Gap nil	Plan special workshops and awareness campaigns through Producers / PROs	MPPCB/ULB	Proposed



3.0 Air Quality Management				
a. Current Status related to Air Quality Management				
Details of Data Requirement			Present Status	
Number of Automatic Air Quality monitoring stations in the district. - Operated by SPCB / State Govt / Central govt./ PSU agency : - Operated by Industry:			NONE	
Number of manual monitoring States operated by SPCBs			1	
Name of towns / cities which are failing to comply with national ambient air quality stations			NONE	
No of air pollution industries			7	
Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln] / [Industrial Estate] / [Others] (Multiple selection)			Large industry 6	
b. Identification of gaps and action plan:				
S. No.	Action points	Indicative Action Plan	Responsible agency	Timeline for completion of action plan
1	Identification of prominent air polluting sources?	1. Road are to be paved. 2. Littering of MSW prevented. 3. Regular PUC check of vehicle. 4. Burning of Waste stubble, MSW etc. 5. Industrial air pollution is regulated. 6. Fuel adulteration is checked regularly.	ULB/District Administration/ RTO/Agriculture Dept./MPPCB	Completed
2	Ambient Air quality data	Data available on CPCB website	MPPCB	Completed
3	Setting up of Continuous Ambient Air Quality Monitoring Station	1 CAAQMS	MPPCB	Operated
4	District Level Action Plan for Air Pollution	District level action plan is planned.	District Administration/MPPCB	Proposed
5	Hotspots of air pollution in District	NO hotspots regarding air pollution in the city	MPPCB	Completed
6	Awareness on Air Quality	Yes EnvAlert App prepared by MPPCB for addressing complaint and time to time programs are created by MPPCB for awareness on air quality.	MPPCB	Continuous Process

#### 4.0 Water Quality Management

##### 4.1 Water Quality Monitoring

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

Details of Data Requirement	Present Status
Name of all Rivers with their length in KM.	River Shivna 6km
Length of Coastline (if any)	NONE
Nalas/ Drains/Creeks meeting Rivers	gugliya nallha meets shivna river and 18 nallahs meeting into river
Lakes / Ponds	Teliya pond
Total Quantity of sewage from towns and cities in District	25 MLD
Quantity of industrial wastewater	20 KLD generated
Percentage of untreated sewage	NIL
Details of bore wells and number of permissions given for extraction of groundwater	1300
Groundwater polluted areas if any	2000
Polluted river stretches if any	nil

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

S. No.	Action points	Identification of Gaps	Responsible agency	Timeline for completion of action plan
1	Inventory of water bodies	In Mandsaur MPPCB/PHE monitoring cell maintain data of all major water bodies including its water quality.	MPPCB/PHE	NA
2	Quality of water bodies in the district	Regular monitoring of water bodies is done by MPPCB on monthly basis. Shivna river has D category in d/s and C category in u/s.	ULBs	NA
3	Hotspots of water contamination	nallah in front of court meets shivna river at mhow neemuch road.	ULBs	NA
4	Protection of river / lake water front	River side open defecation is fully controlled.	District Administration/ULB	Completed
5	Inventory of sources of water pollution	Inventory is done	MPPCB/PHE	
6	Oil spill disaster management (for coastal districts)	NA	District Collector	Proposed
7	Protection of flood plains	Regular work to be done.	Dist. Administration/WRD	Proposed

8	Rejuvenation of groundwater	Ministry of Jal Shakti, Department of Water Resources has prepared Rain water harvesting plan. By laws have been framed. The Regular checking and installation of Rain Harvesting done by ULBs and other departments.	ULBs	Proposed
9	Complaints redressal system	Yes EnvAlert App prepared by MPPCB for addressing complaint.	MPPCB	Completed

## 4.2 Domestic Sewage

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

Details of Data Requirement	Present Status
No of Class-II towns and above	0
No of Class-I towns and above	0
No of Towns STPs installed	0
No of Towns needing STPs	10
No of ULBs having partial underground sewerage network	0
No of towns not having sewerage network	10
Total Quantity of Sewage generated in District from Class II cities and above	NA
Quantity of treated sewage flowing into Rivers (directly or indirectly)	15 MLD
Quantity of untreated or partially treated sewage (directly or indirectly)	0
Quantity of sewage flowing into lakes	Nil
Total available Treatment Capacity	nil

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

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1	Sewage Treatment Plants (STPs)	no stp is mandasaur district. Gap 100%	ULB'S	Initiated
2	Underground sewerage network	Underground Sewage network not exists in the district Mandasaur Gap 100%	ULB'S	Proposed (for other 10 ulbs)

### 5.0 Industrial wastewater management

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

Details of Data Requirement	Present Status
Number of Red, Orange, Green and White industries in the District	Red-289, Orange-20, Green-24
No of Industries discharging wastewater	4
Total Quantity of industrial wastewater generated	240 MLD
Quantity of treated industrial wastewater discharged into Nalas / Rivers	NIL
Common Effluent Treatment Facilities	NONE
No of Industries meeting Standards	5
No of Industries not meeting discharge Standards	NONE

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

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action
1	Compliance to discharge norms by Industries	All the waste water discharging industries meeting with the standard, no industries are discharging waste water	MPPCB	NA
2	Complaint redressal system	Yes EnvAlert App prepared by MPPCB for addressing complaint, also by CM helpline and complaint received in the office	MPPCB	NA

ANNEXURE-9				
<b>6.0 Mining Activity Management plan</b>				
<b>a. Current Status related to Mining Activity Management</b>				
	<b>Details of Data Requirement</b>	<b>Present Status</b>		
	Type of Mining Activity	Stone Mines, Sand Mines		
	No of licenced Mining operations in the District	200		
	% Area covered under mining in the District	4.50%		
	Area of Sand Mining	River bed		
	Area of sand Mining	Non -river deposit		
<b>b. Identification of gaps and action plan:</b>				
S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1	Monitoring of Mining activity	Yes MPPCB/Dist. Mining Dept. has permitted to mines for operation with compliance of environmental norms as mentioned in EC. Gap nil	MPPCB/ Dist. Mining Dept.	Completed
2	Inventory of illegal mining if any mining	There is no mining activity without consent/permission from the Mining Dept. or Board. Gap nil	MPPCB/ Dist. Mining Dept.	Completed
3	Environment compliance by Mining industry	Periodic inspection are done to check the compliance of environmental conditions regularly by MPPCB. Gap 0%	Dist. Mining Dept.	Completed

### 7.0 Noise Pollution Management plan

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

Details of Data Requirement	Present Status
No. of noise measuring devices	MPPCB-2

#### 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.	2 Noise Level Meters. Gap nil	District Administration/MPPCB	NA
2	Ambient Noise Level monitoring.	Noise Level Monitoring with the Manual Meters is done once in a month to check the ambient Noise Levels of the city.	District Administration/MPPCB	NA
3	Signboards in Noise zones	Silent Zones are notified by District Administration with the sign boards in the city.	District Administration/Traffic Police	NA
4	Complaint redressing system	Yes EnvAlert App prepared by MPPCB for addressing complaint.	District Administration/MPPCB/Traffic Police	NA