

कार्यालय कलेक्टर, जिला-मुरैना, म. प्र.



पत्र क्र./ 5260 /कार्यालय कले./मुरैना

दिनांक 21/10/21


प्रति,

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भोपाल

विषय:- जिला पर्यावरणीय योजना तैयार करने के संबंध में।

संदर्भ:- म. प्र. शासन, पर्यावरण विभाग, मंत्रालय भोपाल का पत्र क्र. 808 दिनांक 21.09.2021

विषयांतर्गत संदर्भित पत्र के अनुपालन में एनजीटी, मुख्य बेंच, नई दिल्ली के प्रकरण क्र. 360/2018 (श्रीनाथ शर्मा विरुद्ध यूनियन ऑफ इंडिया) में पारित आदेश दिनांक 05.07.2021 के संबंध में सीपीसीबी से प्राप्त संशोधित प्रपत्र में जिला पर्यावरणीय योजना तैयार की गयी है, जो मूलतः आवश्यक कार्यवाही हेतु संलग्न कर प्रेषित है।


कलेक्टर
जिला-मुरैना

प्रतिलिपि :- सदस्य सचिव, म. प्र. प्रदूषण नियंत्रण बोर्ड, भोपाल।

District Environmental Plan

Morena District

(As per Hon'ble NGT in O.A. No. 360-2018, dated 29.01.2021)



Morena

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1. 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. 3483 dated 04.12.2019. MPPCB Bhopal submitted the Action Plan to CPCB along with the DEPs of other districts of M.P. Hon“ble NGT passed following order on Date 29.01.2021 :

“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 Morena is submitted as here in below as per guidelines received from CPCB.

As per the direction of Hon'ble NGT, Collector Morena constituted District Committee comprising of following members to evolve and execute District Environmental Plan.

1	District Collector, Morena	Chairman
2	S.P. Distt- Morena	Member
3	CEO, Jila Panchayat, Morena	Member
4	CE, PWD, (PIU & B & R), Gwalior	Member
5	CE, Rural Engineering Service, Gwalior	Member
6	CE, MPMKVVCL, Gwalior	Member
7	R.O., MPPCB, Gwalior	Coordinator
8	All CMOs, Distt-Morena	Member
9	CMHO, Morena	Member
10	Forest Officer, Morena	Member
11	Distt. Ayush Officer, Morena	Member
12	Dy. Director ,Veterinary & Animal Husbandry, Morena	Member
13	Food Controller, Morena	Member
14	Deputy Director Health & Safety, Gwalior	Member
15	GM, DIC, Morena	Member
16	Dy. Director Central Ground Water Board,	Member

	Gwalior	
17	Div. Manager, M.P. State Development Corp. Gwalior	Member
18	Manager, NHAI, Morena	Member
19	RTO, Morena	Member
20	Mining Officer, Morena	Member
21	S.E., MPSIDC (AKVN), Morena	Member

1.0 District Profile

Morena District :

Morena district is one of the 50 districts of the central Indian state of Madhya Pradesh. The name, Morena is derived from the mor + raina means the place where peacock is enormously found. Morena, which has an identity of being home to perhaps the largest number of peacocks in the India. The district is part of Chambal Division. The town of Morena is the district and divisional headquarters. The district has a widely dispersed population of 1,965,970 as of 2011. Morena is fifth district in state in density of population after Bhopal, Indore, Jabalpur, Gwalior. The district is mostly farmland, and trains are a popular form of transportation, although they connect only about 15% of the villages within Morena. Morena is famous for its mustard production.

Morena is located at 26°18'N 78°00'E & 26.30°N 78.00°E. Geographically Morena is an interesting place as Madhya Pradesh touches two neighbouring states i.e. Rajasthan and Uttar Pradesh here. Morena touches Dholpur (Rajasthan) in North-West and Pinahat (Agra, Uttar Pradesh) in North-East. The neighbouring districts are Bhind, Gwalior, Shivpuri and Sheopur.

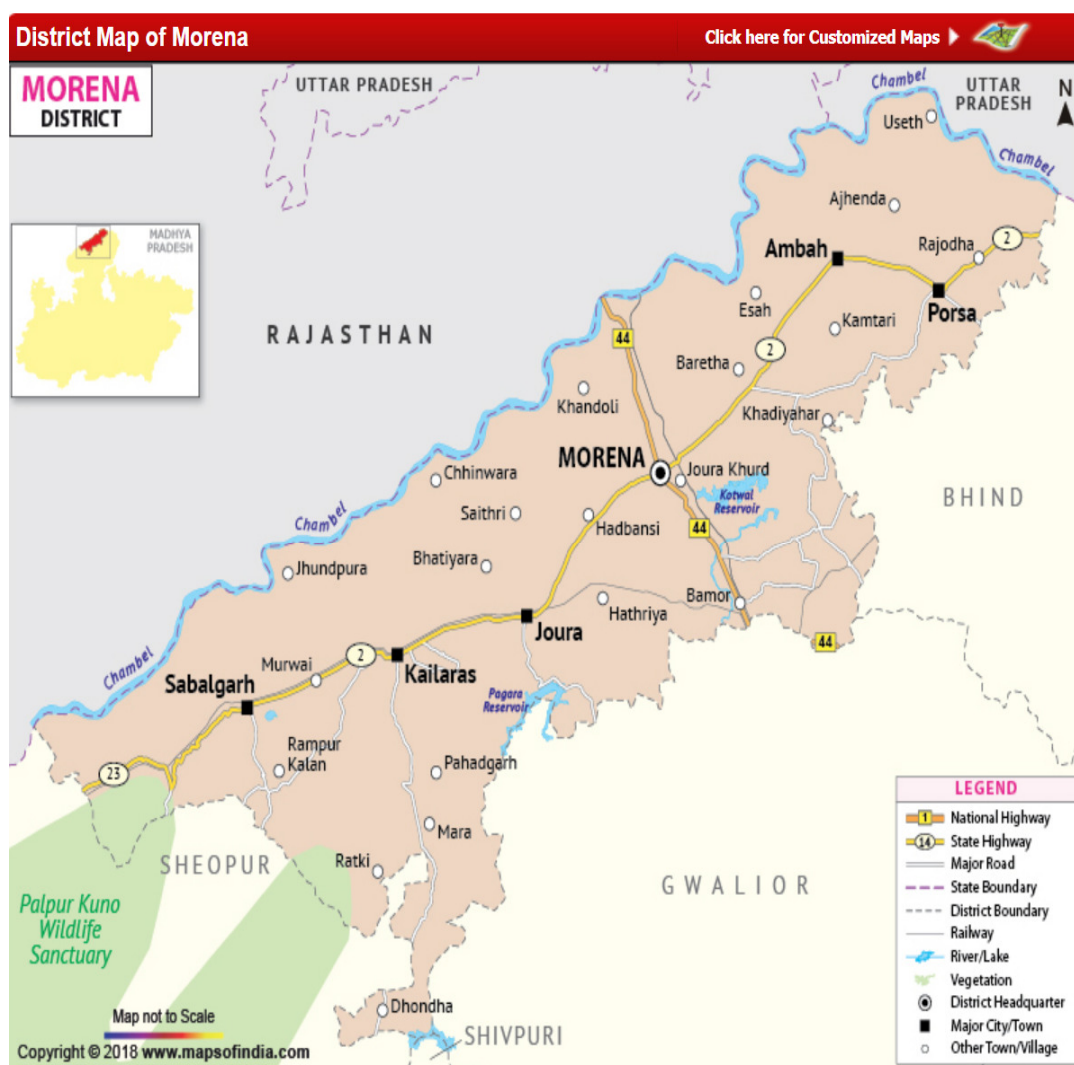
National Chambal Sanctuary, also called the National Chambal Gharial Wildlife Sanctuary, is a 5,400 km² (2,100 sq mi) tri-state protected area in northern India for the critically endangered gharial (small crocodiles), the red-crowned roof turtle, and the endangered Ganges River dolphin. Located on the Chambal River near the tripoint of Rajasthan, Madhya Pradesh and Uttar Pradesh, the sanctuary was first declared in Madhya Pradesh in 1978 and now constitutes a long narrow eco-reserve co-administered by the three states. Within the sanctuary the pristine Chambal River cuts through mazes of ravines and hills with many sandy beaches. The district is undergoing development in several stages. Under the Chambal Ayacut. Under the Chambal Ayacut Development angled with the reclamation of the ravines for agricultural purposes.

a. District Administrative Set-up:-

The Morena city is district headquarter of the district Morena. There are 07 tehsils namely Morena, Ambah, Porsa, Sabalgarh, Kailaras, Banmore & Jaura in district Morena. The district has 07 blocks namely Ambah (Population-211512), Jaura (Population-232986), Kailaras (Population-165745), Morena (Population-359597), Pahadgarh (Population-165125), Porsa (Population-191485) & Sabalgarh (Population-169058). The district is headed by District Magistrate and the S.D.M. are posted at Block level. Also in Panchayati Raj structure, the CEO Jila Panchayat is posted at district level.

District Administrative Setup

Item	Description	Item	Description
Area	4989 Sq. Km	Total Population	1965970
No. of Municipal Corporation	01	Urban Population	470462
Revenue Tehsils	07	Rural Population	1494508
Gram Panchayats	489	Literacy Rate	71.03 %
No. of Nagar Palika/ Nagar Parishad	07	Agriculture land -	501700 Ha.
No. Of Revenue Villages	815	No. Of House Hold	362646
Coordinates	22.8354° N, 75.8069° E	Industries Land	370.125 Ha.



b. Local Institutions :

As stated here in above, there are 07 tehsils in district Morena. The Tehsildar are posted in each of the tehsil as revenue officers. The Janpad Panchayat office are setup at tehsil level and the offices are headed by CEO Janpad Panchayat. There are 301 Gram Panchayats in District Morena. The offices are headed by respective Sarpanch & Panchayat Sachiv.

c. Natural Resources :

- **Water Bodies :**

Water bodies are as follows:

The district falls in drainage area of Ganges system. The whole water of the district drained out through Chambal river which joins the Yamuna. Generally, the flow of the water is towards north-east. Chambal is the main river of the district. Asan and Kunwari are the tributaries of Chambal river.

(1) The Chambal River : This river flows from west to north in the district. The Chambal river rises from the Janapao hills (854 meters) in Indore district. It flows through Indore, Ujjain, Ratlam, and after Mandsaur through Rajasthan. At the point of Parvati confluence it touches the Sheopur district and forming the eastern boundary of the district. It enters Morena district north to Nitanvas and makes the inter-state natural boundary between Madhya Pradesh and Rajasthan and flows ahead. After identification of boundary of Uttar Pradesh it joins Yamuna river in Etawa district. The Chambal valley has high banks with deep and widely developed ravines by which it is known as Chambal ravines (Chambal Beehad).

(2) Asan River : This river rises from the plateau of Deori in Vijaypur tahsil of Sheopur district. It makes about 24 kms. boundary away from the district and flows north-easterly course. Its course has two dams at Pagara and Kutwar. The river forms the district boundary with Bhind for some distance and flows towards north of Bhind district. The main tributary is Kunwari which joins at Sangoli village. On the right bank

of the district the south or the Sank is the only tributary joining the Asan from the north-eastern course of Kutwar dam.

(3) The Kunwari River : The Kunwari river rises from the north-eastern plateau of Deogarh in Shivpuri district and enters Sabalgarh tahsil of Sheopur district . It flows towards north east at the middle part of the district and flows to Joura, Morena and Ambah tahsil and joins Asan river. The small tributaries like Sole, and Son etc. are flowing in the district.

- **Availability of Water Resources :**

Morena district is characterized by alluvial formation, Vindhyan Formation and Gwalior Series. Dynamic ground water resources of the district have been estimated for base year -2008/09 on block-wise basis. There are seven assessment units (block) in the district which fall under command (48 %) and non-command (52 %) sub units. Non command areas of Kailaras , Morena and Sabalgarh blocks of the district are categorized as semi critical . The highest stage of ground water development is computed as 74 % in Morena block. The net ground water availability in the district 64,244 ham and ground water draft for all uses is 27,597 ham, making stage of ground water development 43% as a whole for district. After making allocation for future domestic and industrial supply for next 25 years, balance available ground water for future irrigation would be 34,232 ham.

- **Forest Coverage :**

The forest are generally open and poorly stocked over considerable part of the area, due to shallow nature of the soil. The height and diameter growth of trees are in general poor. The reserved forest area in the district is 50,669 hectares and 26,847 hectares is protected forest which are mostly found in Sabalgarh and Jaura CD blocks. The forests are dry and autumnal . Fire wood, grass and gum are mainly found in these forests . In forest areas, Blue bull (Neelgai) , wild boar , jackal , hyenas , peacocks , rabbits , foxes , porcupine, wolves , spotted deers

and deers and are the wild life found. The deer group of animal is represented by chital (Axis) which used to be seen in herds. Now such herds are rarely seen. The other common deer species is sambhar (cervus unicolor) which is generally seen in hilly areas. The black faced monkey (presliytic entallus) are seen in the forests. The other animals generally noticed are hyaena, wild dog, fox etc.

a. Geography & Demography :

Morena district is extended in the north 25° 17' to 26° 52' latitudes and 76° 30' to 78° 33' East longitudes. The river Chambal flows forming all northern boundaries of the district and divides Rajasthan and Uttar Pradesh from the district. In the south-east of the district is Gwalior, Shivpuri in south, Bhind in east, Agra (U.P) in north-east, Dhaulpur and Karauli (Rajasthan) in north-west and Sheopur in southwest. The district is situated at 150 to 300 meters from the mean sea level. As reported by Surveyor General of India, its geographical area is 4,989 sq.km. It is the 34th largest district of the state in respect of area which is 1.6% of the total area 308,244 sq.kms of the state.

Demography:

<i>S.No.</i>	<i>Item</i>	<i>Description</i>
1.	Population	19.66 Lakhs
2.	Actual Population	1965970
3.	Urban Population	470462
4.	Rural Population	1494508
5.	Area Sq. Km	4989
6.	Density/km ²	394
7.	Proportion to Madhya Pradesh Population	2.71 %
8.	Revenue Tehsils	06
9.	Gram Panchayats	475

10.	No. of Villages	245
11.	No. of ULB	08
12.	Female Literacy	56.90
13.	Total Child Population (0-6 Age)	305156
14.	Male Population (0-6 Age)	166858
15.	Female Population (0-6 Age)	138298
16.	Industries Land	370.125 Hectare
17.	Agriculture land	501700 Hectare

e. Land Use Pattern :

1.3	Land use pattern of the district (latest statistics)	Geographical Area	Cultivable area	Forest area	Land under non-agricultural use	Permanent pastures	Cultivable wasteland	Land under Misc. tree crops and groves	Barren and uncultivable land	Current fallows	old fallows
	Area ('000 ha)	501.6	268.7	50.6	40.1	18.9	22.5	0.0	89.6	11.5	5.8

f. Climate :

The climate of this district is semi dry and generally dryness prevails in the region. The heat is intense in summer, dust-laden scorching winds and heatstroke flows which often makes the weather very uncomfortable. The mean daily temperature in the months of May and June is maximum 41.10 celsius. In cold season the district has freezing cold and temperature drops to 3.80 celsius. During the monsoon season light air blows west to east . After the withdrawal of the monsoon and winter there is slight air that flows mostly from north to north - western direction. Generally rainfall in the district is irregular and on an average the annual rainfall recorded is 862.6 mm . About 92% of the rainfall in the district is received during June to September, June being the rainiest month.

2.0 Waste Management Plan

Preamble : Solid Waste Management Plan :

The Ministry of Environment, Forest and Climate Change, Government of India has notified the Solid Waste Management Rules, 2016. As per the Rules, the role of local body has been specified in Rule 15 and, M.P. Pollution Control Board under Rule no 16 shall enforce through local bodies.

With respect to effective implementation of Solid Waste Management Rules, 2016, Hon^{ble} NGT had laid down several orders, of which, Hon^{ble} National Green Tribunal, Principal Bench on 22nd December 2016 has passed judgment in Original Application No. 199 of 2014 filed by Mrs. Almitra Patel with regard to Solid Waste Management.

Further, for effective implementation of the said Rules, the Hon^{ble} NGT in its orders dated 31.08.2018 had constituted Apex Committee, Regional Committee and State Committee. Hon^{ble} NGT order dated: 16.01.2019 in O.A. No. 606/2018, State Level Monitoring Committee (SLMC) in Madhya Pradesh has been constituted under the retired Justice.

(i) Solid Wastes Management in Morena District:

In Morena District, there are 8 ULBs. The total quantity of Solid Waste Generation in these ULBs is around 109.59 tons/day. In Morena District, most of the solid waste generated in Nagar Nigam, Morena. The quantity of this waste is about 50.12 MT/day. Morena Nagar Nigam has taken various measures such as door to door collection, transportation and storage of Solid waste. In addition rest of 7 ULBs have started door to door collection, transportation & storage of their solid waste. All local bodies are required segregation of solid waste, processing of wet waste, disposal of dry waste & construction of scientific sanitary landfill. The details regarding action areas, Data requirement, Measurable outcome, the details of

proposed interventions & stakeholders are given for each ULBs as mentioned here in below Table-1:-

Table-1

S.No.	Name of ULB	Annexure
1.	Nagar Nigam Morena	Annexure-1
2.	Nagar Parisad Joura, Morena	Annexure-2
3.	Nagar Parisad , Kailaras, Morena	Annexure-3
4.	Nagar Palika Parisad , Sabalgarh, Morena	Annexure-4
5.	Nagar Parisad , Banmore, Morena	Annexure-5
6.	Nagar Palika parisad Ambah, Morena	Annexure-6
7.	Nagar Palika parisad Porsa, Morena	Annexure-7
8.	Nagar Parisad Jhundpura,Morena	Annexure-8

(ii) Plastic Waste Management

The Govt. of India has notified Plastic Waste Management Rules 2016. These rules are applicable in State of Madhya Pradesh. 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 polythene carry bags vide order no. F5-2/2015/18-5 dated 24.05.2017. All local bodies including 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 regularly conducted. The details regarding action areas, Data requirement, Measurable outcome, the details of proposed interventions & stakeholders are given for each ULBs as mentioned in various Annexure mentioned in **Table-2**.

Table-2

S.No.	Name of ULB	Annexure
1.	Nagar Nigam Morena	Annexure-9
2.	Nagar Parisad Joura, Morena	Annexure-10
3.	Nagar Parisad , Kailaras, Morena	Annexure-11
4.	Nagar Palika Parisad , Sabalgarh, Morena	Annexure-12
5.	Nagar Parisad , Banmore, Morena	Annexure-13
6.	Nagar Palika parisad Ambah, Morena	Annexure-14
7.	Nagar Palika parisad Porsa, Morena	Annexure-15
8.	Nagar Parisad Jhundpura,Morena	Annexure-16

(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. In Morena district the generation of C&D waste is mostly found in city Morena. Morena Nagar Nigam has to be taken initiative measures for collection, transportation, processing & disposal of Construction & Demolition wastes. The C&D waste generation is less in other local

bodies. These local bodies are advised to ensure that the C&D waste are disposed in suitable abandoned quarries without affecting the nearby Environment.

The details regarding action areas, Data requirement, Measurable outcome, the details of proposed interventions & stakeholders are given for each ULBs as mentioned in various Annexure mentioned in **Table-3**.

Table-3

S.No.	Name of ULB	Annexure
1.	Nagar Nigam Morena	Annexure-17
2.	Nagar Parisad Joura, Morena	Annexure-18
3.	Nagar Parisad , Kailaras, Morena	Annexure-19
4.	Nagar Palika Parisad , Sabalgarh, Morena	Annexure-20
5.	Nagar Parisad , Banmore, Morena	Annexure-21
6.	Nagar Palika parisad Ambah, Morena	Annexure-22
7.	Nagar Palika parisad Porsa, Morena	Annexure-23
8.	Nagar Parisad Jhundpura,Morena	Annexure-24

(iv) Bio-medical Waste Management

In Morena District 40 Government Hospitals, 24 Veterinary Hospitals and about 40 Private Hospitals/Health Care Facilities are functioning. In Dist. Morena Private Health Care facilities have made agreement between Common Bio Medical Waste Facility owned by M/s. JRR Waste Management Pvt. Ltd., Vill. Dhanera, Edmatpur, Agra. Some of the Govt. Hospitals have taken membership from CBWTF & sending their waste for incineration. Rest of Govt. Hospitals located in Rural areas take initiative for disposal of their bio-medical waste through CBWTF. Primary Health Center located in remote places of rural areas are disposing of their waste through deep burial. All the Govt. Primary Health Centers and Veterinary Hospitals are persuaded to send their waste to CBWTF. The details of Morena district related to

action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in Annexure-25.

(v) Hazardous Waste Management

There are 50 industries/units which have obtained authorization from MPPCB in Morena District. These industries have generating 55.18 MT of hazardous waste. Land-fillable hazardous waste sent to M/s. M.P. Waste Management Co. Ltd., at Pithampur, for secured landfill. The recyclable, reusable waste is sent to authorize recyclers. Incinerable waste send to Co-incineration in cement kilns. The details of Morena district related to action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in as Annexure-26.

(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. In the district there are no recycler or dismantlers unit. There are about 25 E-waste generators. Most of the generators are in city/town place. The E-Waste generated in the area sent to authorized recycler/dismantlers for treatment & disposal of E-Waste. The details of E-Waste for Morena district with respect to action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in Annexure-27.

3.0 Air Quality Management Plan

The major source of air pollution in Morena is of vehicular emission, construction activities, transportation, railway etc. M P Pollution Control Board is regularly monitoring the Ambient Air Quality at Morena through establishing 01 manual monitoring station installed at Nagar Nigam/dist. hospital.

Cities are considered as Non-attainment cities, if they were consistently showing poorer air quality as per the National Ambient Air Quality Standards. Morena city has not included under the list of Non-attainment cities. As per Order passed by

Hon. National Green Tribunal Delhi in case no. 681/2018, an Action Plan has been prepared those cities which air quality not match with National Ambient Air Quality Standard. The ambient air quality of Morena city is mostly found satisfactory/moderate category of last years. Therefore, non attainment city plan not needed for city Morena. Allthose ambient air quality monitoring is carry out alternate day on 24 Hr basis once in month. Air quality monitoring data being upload on MPPCB website to locate air quality status of city. As per proforma provided by CPCB the information about Air Quality Management Plan has been collected for district Morena. The details of action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in **Annexure-28**.

4.0 Water Quality Management Plan

4.1 Water Quality Monitoring :

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 by 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 under 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. In Morena district river water quality monitoring is conducted under GEMS/MINARS programme at road bridge Dholpur & Used Ghat, Ambah. On the above location river pollution stratch not identified, therefore these location not included in the river stratch list of CPCB. MPPCB has uploaded river water quality parameter on CPCB website as per given schedule. In addition above M.P. Pollution Control Board has monitored of 03 river namely Sank, Asan & Qunwari. Water quality of last 03 years of these sources confirmed with IS:10500. Board has also conducted ground water quality at various location in district. Water quality

monitoring data has uploaded on mppcb website. Ground water quality also confirmed with IS:10500. Therefore in district Morena no need required for rejuvenation of action plan of water bodies.

In present District Environment Plan all the water bodies (Lakes, Tanks, Ponds, Ground Water) in District Morena have been considered as per above description. The rivers flowing in the district along their length have been identified. The details of Water bodies of Morena district and the action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in **Annexure-29**.

4.2 Domestic Sewage Management Plan

CPCB and MPPCB have periodically issued directions to the urban/ local bodies to set up Sewage Treatment Plants (STPs) of adequate capacity including provision for sewerage system to cover the entire local/urban areas and the treated effluent to comply with the Standards in order to prevent deterioration of surface, sub-surface waters. The treated sewage, after meeting out the prescribed standards for core parameters are either used for irrigation or let into water bodies. In district Morena most of the sewerage generation is in Nagar Nigam areas, where total sewerage generation is around 50 MLD. In 1st Phase Nagar Nigam Morena being installed 25 KLD capacity of STP as per direction of CPCB. As per proforma provided by CPCB the information about sewage generation, treatment, sewerage network etc. has been collected for Class-I and above towns. The details of action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in **Annexure-29**.

5.0 Industrial Waste Water Management Plan

Morena is commercial city of Madhya Pradesh. There are 02 industrial area in district namely industrial area, Banmore & industrial area, Morena. These industrial area are housing several scale industries particularly oil refinery, milk processing, tyre pyrolysis plant, engineering, plastic manufacturer/recycling, dal mill, stone cutting and floor mill etc. In addition several other small industries (mines & crushers) are located in urban area of the district.

All the Air/Water polluting industries are having adequate pollution control arrangements and complying provisions of Air/ Water Acts. The details of Action areas related to industrial areas, Water polluting industries, Air polluting industries, measurable outcomes, proposed interventions etc. are given in **Annexure-30.**

6.0 Mining Activity Management Plan

District Morena not have major minerals deposits. Some of the stone boulder mines are found some of the limited areas. In addition sand mines are in operation at river bed of river Sindh. Total mining area in Morena district is around 930.9 hectare as per record of mining deptt. The stone gitti is made off from crushing of boulders. The details of mining activity, mining licenses issued along with action areas, details of data requirements, measurable outcome etc. are given in **Annexure-31.**

7.0 Noise Pollution Management Plan

In district there are 08 Nos of ULBs including Nagar Nigam Morena. In the district noise pollution problem is observed in Nagar Nigam Area Morena. The major source of Noise pollution in Morena is Vehicular Traffic, Railways, Transport and Industries etc. MP Pollution Control Board is regularly monitoring the Noise level in Ambient Air Quality at various locations of Morena city. As per proforma provided by CPCB the information about Noise Pollution Management Plan has been collected for district Morena. The details of action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in **Annexure-32.**

2.0 Indicative Gap Analysis and Action Plans for Complying with Waste Management Rules :

(i) Solid Waste Management :

a. Current Status Related to Solid Waste Management :

<i>Sr. No.</i>	<i>Urban Local bodies</i>	<i>No of Wards</i>	<i>No of House-holds</i>	<i>Population (Urban)</i>	<i>Solid Waste Generated per day (TPD)</i>
Nagar Palik Nigam					
1.	Morena	47	33432	232569	69.77
Nagar Palika Parishad					
1.	Porsa	30	5283	39669	9.91
2.	Ambah	18	5911	47177	11.79
3.	Sabalgarh	18	5987	40333	10.08
Nagar Panchayats (Town area Councils)					
1.	Banmore	15	4565	32838	8.20
2.	Joura	18	5747	42153	10.53
3.	Kailaras	15	3284	25920	6.48
4.	Jhundpura	15	1369	9803	2.45

<i>Sr. No.</i>	<i>Local Bodies</i>	<i>No. of Village Panchayats</i>	<i>No. of Villages</i>	<i>No of House holds</i>	<i>Population (Rural)</i>	<i>Solid Waste Generated MT per day</i>
	Blocks					
1	Porsa	53	84	26528	191485	47.87
2	Ambah	55	82	31924	211512	52.87
3	Morena	106	170	43100	359597	89.89
4	Joura	70	109	33575	232986	58.24
5	Pahadgarh	64	141	23754	165125	41.28
6	Kailaras	65	105	24155	165745	41.43
7	Sabalgarh	65	141	27708	169058	42.48
	Total	478	832	210744	1495508	374.06

b. Identification of gaps and Action plan:

ANNEXURE-1

Nagar Palika Nigam (MMC) Morena

<i>Sr. No.</i>	<i>Action points For villages / blocks/town municipalities / City corporations</i>	<i>Identification of gap</i>	<i>Action Plan</i>	<i>Responsible agencies</i>	<i>Timeline for completion of action plan</i>
1.	Segregation				
(i)	Segregation of waste at source	The door to door collection - 100% with source segregation: No Gap. Secondary Transfer station with segregated collection & transportation up to centralized processing plant-1 Nos. (100%) : No Gap	100% Segregation at Source is being Practised by MMC. Hence Action Plan is Not Required.	MMC	Completed
2	Sweeping				
(i)	Manual Sweeping	Daily manual sweeping with litter picking is done in all residential areas (100%): No Gap	100% work completed. No action plan required.	MMC	Completed
(ii)	Mechanical Road Sweeping& Collection	Mechanical sweepers are not there. Gap 100%	MMC required atleast 02 mechanical sweeping machine for road sweeping.	MMC	Dec. 22
3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved- No Gap	100% Waste Collection is Done by MMC on daily bases	MMC	Completed
(ii)	Arrangement for door to door collection	All 47 wards are covered through segregated door to door collection-No Gap	100% Door to Door Collection is done and covered all 47 Wards.	MMC	Completed
(iii)	Waste Collection trolleys with separate compartments	Door to door collection trolleys have separate compartments for 05 type of waste segregation. Organic (wet) , inorganic (dry) , plastic, sanitary waste, domestic hazardous waste – Gap 30%	There are 06 Waste Collection trolleys Available. 10 additional trolleys required to improve system efficiency.	MMC	Dec. 22
(iv)	Mini Collection Trucks with separate compartment	All door to door collection Mini Trucks have separate compartments for 05 type of waste segregation. Organic (wet) , inorganic	Mini Collection trucks available. 05 additional Mini Trucks required to improve system	MMC	Dec. 22

	s	(dry) , plastic, sanitary waste, domestic hazardous waste –Gap 40%	efficiency.		
(v)	Waste Deposition centres (for domestic hazardous wastes)	There are waste transfer stations which act as waste deposite centres.- No Gap	There are transfer stations which act as waste deposite centres	MMC	Completed
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	30% additional infrastructure i.e. 06 trolleys and 05 mini trucks are required to have efficient waste transport system	Existing fleet is inadequate and segregated waste should be transport.	MMC	Completed
(ii)	Bulk Waste Trucks	07 Nos of Bulk waste Trucks are available for Waste transportation. For improving the efficiency 03 bulk trucks are required. Gap 40%	18 No.s of Bulk waste Trucks are available for Waste transportation. For improving the efficiency 03 bulk trucks are required	MMC	Dec. 22
(iii)	Waste Transfer points.	There are total 03 Waste transfer Stations. Adequate. No Gap.	There are total 03 Waste transfer Stations.	MMC	Completed
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	08 Bulk Waste generator Identified by MMC -No Gap	08 Bulk Waste generator Identified	MMC	Completed
(ii)	Wet-waste Management: Facility(ies) for central Bio-methanation / Composting of wets waste.	25% of Wet waste is processed using mechanical composting.	Central biomethanation for wet waste management required.	MMC	Dec. 22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	MRF facilities not available. Gap 100%	1 MRF facilities of 100 TPD required.	MMC	Dec. 22

(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	MMC not established sanitary landfill for disposal of inert and non-recyclable waste.	MMC required to establish sanitary landfill.	MMC	Dec. 23
(v)	Remediation of historic /	No Gap.	No Legacy Waste	MMC	Completed
(vi)	Involvement of NGOs	NGOs are working with MMC for creating awareness. - No Gap	NGOs are working with MMC for creating awareness	MMC	Completed
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Just Initiated- 100% Gap	Initiated	MMC	Initiated
(viii)	Authorization of Waste Pickers	Yes	Yes	MMC	Available
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	MMC	Available

ANNEXURE-2

Nagar Parisad (NP) Joura

<i>Sr. No.</i>	<i>Action points For villages / blocks/town municipalities / City corporations</i>	<i>Identification of gap</i>	<i>Action Plan</i>	<i>Responsible agencies</i>	<i>Timeline for completion of action plan</i>
1.	Segregation				
(i)	Segregation of waste at source	The door to door collection - 100% with source segregation: No Gap.	100% Segregation at Source is being Practised. Hence Action Plan is Not Required.	NP Joura	Completed
2	Sweeping				
(i)	Manual Sweeping	No Gap.	100% Manual Sweeping is done by the cleanliness workers of NP Joura.	NP Joura	Completed

(ii)	Mechanical Road Sweeping & Collection	It is small town.	Not required	NP Jaura	NA
3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved-No Gap	100% waste collection is done by NP Jaura on daily basis.	NP Jaura	Completed
(ii)	Arrangement for door to door collection	All 18 wards are covered through partially segregated door to door collection. Gap-Nil	100% Door to Door Collection is required and covered all 18 Wards.	NP Jaura	Dec. 22
(iii)	Waste Collection trolleys with separate compartments	Door to door collection trolleys have separate compartments for 05 type of waste segregation. Organic (wet) , inorganic (dry) , plastic, sanitary waste, domestic hazardous waste - No Gap	2 more trolleys with separate compartments for door to door collection required.	NP Jaura	Dec. 22
(iv)	Mini Collection Trucks with separate compartments	ULB having 2 mini truck for collection. Gap-60%	NP Jaura 02 Mini collection trucks available and 1 mini collection trucks required for Complete operation.	NP Jaura	Dec. 22
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap-100%	Waste deposition center is not required. However the arrangement of separate bin is proposed..	NP Jaura	Dec. 22
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	Not adequate, Gap-45%	01 Waste Collection trolleys required.	NP Jaura	12 months
(ii)	Bulk Waste Trucks	ULB not having bulk waste truck. Gap-100%	01 Bulk waste truck required	NP Jaura	Dec. 22
(iii)	Waste Transfer points.	Not required. Gap- Nil	Waste Transfer points not required.	NP Jaura	-

5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	Composting plant not available.	Bulk waste generator to be identified	NP Joura	12 months
(ii)	Wet-waste Management: Facility(ies) for central Bio-methanation / Composting of wets waste.	Compost pits not available.	NP Joura required 5 compost pit.	NP Joura	Dec. 22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	ULB not having own dry waste management facility for recovery of dry waste.	NP Joura required MRF.	NP Joura	12 months
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	No sanitary landfill available. Gap- 100%	ULB either established Sanitary landfill or take membership of common facility.	NP Joura	Mar-22
(v)	Remediation of historic / legacy dumpsite	There is no old dump site.	Remediation not required.	-	-
(vi)	Involvement of NGOs	It is a small town. NGO not available	Involvement of NGO not required	NP Joura	N.A.
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Just Initiated- 100% Gap	Initiated	NP Joura	Initiated
(viii)	Authorization of Waste Pickers	Yes	Yes	NP Joura	Available
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	NP Joura	Available

Nagar Parisad (NP) Kailaras

Sr. No.	Action points For villages / blocks/town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
1.	Segregation				
(i)	Segregation of waste at source	The door to door collection - 100% with source segregation: No Gap.	100% Segregation at Source is being Practised. Hence Action Plan is Not Required.	NP Kailaras	Completed
2	Sweeping				
(i)	Manual Sweeping	No Gap.	100% Manual Sweeping is done by the cleanness workers of NP Kailaras.	NP Kailaras	Completed
(ii)	Mechanical Road Sweeping & Collection	Small town. Not Required Gap-Nil	Not Required.	NP Kailaras	NA
3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved-No Gap	100% waste collection is done by NP Kailaras.	NP Kailaras	Completed
(ii)	Arrangement for door to door collection	All 15 wards are covered through partially segregated door to door collection. Gap-Nil	100% Door to Door Collection is required and covered all 15 Wards.	NP Kailaras	Completed
(iii)	Waste Collection trolleys with separate compartments	Waste collection trolleys with separate compartments not available.	02 more waste collection trolleys are required	NP Kailaras	12 months
(iv)	Mini Collection Trucks with separate compartments	ULB is a small town. Not required.	ULB is a small town. Not required.	NP Kailaras	N.A.

(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap-100%	Waste deposition center is not required. However the arrangement of separate bin is proposed.	NP Kailaras	Dec. 22
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	No Gap.	The Existing Fleet is adequate	NP Kailaras	NA
(ii)	Bulk Waste Trucks	Not required. No Gap	Bulk waste truck not required	NP Kailaras	NA
(iii)	Waste Transfer points.	Not required. No Gap	Waste Transfer points not required.	NP Kailaras	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	NA	NA	NP Kailaras	NA
(ii)	Wet-waste Management: Facility(ies) for central Bio-methanation / Composting of wets waste.	ULB having composting plant for wet waste management. Gap- Nil	Not required	NP Kailaras	NA
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No facility available. Gap- 100%	Dry waste MRF facility of adequate capacity proposed.	NP Kailaras	Dec. 22
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	No sanitary landfill available. Gap- 100%	01 Sanitary landfill required.	NP Kailaras	Mar-23
(v)	Remediation of historic / legacy dumpsite	Legacy dump site is not available. No Gap	Bio Remediation not required	NP Kailaras	NA

(vi)	Involvement of NGOs	Its small town, NGO not applicable.	NA	NP Kailaras	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Its small town, EPR not applicable.	NA	NP Kailaras	NA
(viii)	Authorization of Waste Pickers	Local body is collecting the waste door to door and transporting, hence not applicable.	NA	NP Kailaras	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	NP Kailaras	Completed

ANNEXURE-4

Nagar Palika Parisad (NPP) Sabalgarh

<i>Sr. No.</i>	<i>Action points For villages / blocks/town municipalities / City corporations</i>	<i>Identification of gap</i>	<i>Action Plan</i>	<i>Responsible agencies</i>	<i>Timeline for completion of action plan</i>
1.	Segregation				
(i)	Segregation of waste at source	The door to door collection - 100% with source segregation: No Gap.	100% Segregation at Source is being Practised. Hence Action Plan is Not Required.	NPP Sabalgarh	Completed
2	Sweeping				
(i)	Manual Sweeping	No Gap.	100% Manual Sweeping is done by the cleanliness workers of NPP Sabalgarh.	NPP Sabalgarh	Completed
(ii)	Mechanical Road Sweeping & Collection	Not Required Gap- Nil	Not Required.	NPP Sabalgarh	NA

3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved-No Gap	100% waste collection is done by NPP Sabalgarh.	NPP Sabalgarh	Completed
(ii)	Arrangement for door to door collection	All 18 wards are covered through partially segregated door to door collection. Gap-Nil	100% Door to Door Collection is required and covered all 18 Wards.	NPP Sabalgarh	Completed
(iii)	Waste Collection trolleys with separate compartments	Waste collection trolleys with separate compartments not available.	03 Waste Collection trollys are required	NPP Sabalgarh	12 months
(iv)	Mini Collection Trucks with separate compartments	Adequate mini collection trucks not available.	01 mini collection truck are required	NPP Sabalgarh	Dec. 22
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap-100%	Waste deposition center is not required. However the arrangement of separate bin is proposed.	NPP Sabalgarh	Dec. 22
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	No Gap.	The Existing Fleet is adequate	NPP Sabalgarh	NA
(ii)	Bulk Waste Trucks	Not required. No Gap	Bulk waste truck not required	NPP Sabalgarh	NA
(iii)	Waste Transfer points.	Not required. No Gap	Waste Transfer points not required.	NPP Sabalgarh	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	NA	NA	NPP Sabalgarh	NA

(ii)	Wet-waste Management: Facility(ies) for central Bio-methanation / Composting of wets waste.	Gap-40%	NPP Sabalgarh required composting for wet waste management.	NPP Sabalgarh	Dec. 22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No facility available. Gap-100%	Dry waste MRF facility of adequate capacity proposed.	NPP Sabalgarh	Dec. 22
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	No sanitary landfill available. Gap-100%	01 Sanitary landfill required.	NPP Sabalgarh	Mar-23
(v)	Remediation of historic / legacy dumpsite	Legacy dump site is not available. No Gap	Bio Remediation not required	NPP Sabalgarh	NA
(vi)	Involvement of NGOs	Its small town, NGO not applicable.	NA	NPP Sabalgarh	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Its small town, EPR not applicable.	NA	NPP Sabalgarh	NA
(viii)	Authorization of Waste Pickers	Local body is collecting the waste door to door and transporting, hence not applicable.	NA	NPP Sabalgarh	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	NPP Sabalgarh	Completed

Nagar Parisad (NP) Banmore

Sr. No.	Action points For villages / blocks/town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
1.	Segregation				
(i)	Segregation of waste at source	Partially segregation source practiced by household and other generator. Gap-70%	To achieve 100% source segregation required. NP Banmore.	NP Banmore	Dec. 22
2	Sweeping				
(i)	Manual Sweeping	No Gap.	100% Manual Sweeping is done by the cleanness workers of NP Banmore.	NP Banmore	Completed
(ii)	Mechanical Road Sweeping & Collection	Small town. Mechanical sweeping machine not Required Gap- Nil	Not Required.	NP Banmore	NA
3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved-No Gap	100% waste collection is done by NP Banmore.	NP Banmore	Completed
(ii)	Arrangement for door to door collection	All 15 wards are covered through partially segregated door to door collection. Gap-Nil	100% Door to Door Collection is required and covered all 15 Wards.	NP Banmore	Completed
(iii)	Waste Collection trolleys with separate compartments	Waste collection trolleys with separate compartments not available.	03 Waste Collection trollys are required	NP Banmore	12 months
(iv)	Mini Collection Trucks with separate compartments	Adequate mini collection trucks not available.	01 mini collection truck are required	NP Banmore	Dec. 22
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap-100%	Waste deposition center is not required. However the arrangement of separate bin is proposed.	NP Banmore	Dec. 22

4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	No Gap.	The Existing Fleet is adequate	NP Banmore	NA
(ii)	Bulk Waste Trucks	Not required. No Gap	Bulk waste truck not required	NP Banmore	NA
(iii)	Waste Transfer points.	Not required. No Gap	Waste Transfer points not required.	NP Banmore	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	NA	NA	NP Banmore	NA
(ii)	Wet-waste Management: Facility(ies) for central Bio-methanation / Composting of wets waste.	Gap-40%	NP Banmore required composting for wet waste management.	NP Banmore	Dec. 22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No facility available. Gap-100%	Dry waste MRF facility of adequate capacity proposed.	NP Banmore	Dec. 22
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	No sanitary landfill available. Gap-100%	01 Sanitary landfill required.	NP Banmore	Mar-23
(v)	Remediation of historic / legacy dumpsite	Legacy dump site is not available. No Gap	Bio Remediation not required	NP Banmore	NA
(vi)	Involvement of NGOs	Its small town, NGO not applicable.	NA	NP Banmore	NA

(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Its small town, EPR not applicable.	NA	NP Banmore	NA
(viii)	Authorization of Waste Pickers	Local body is collecting the waste door to door and transporting, hence not applicable.	NA	NP Banmore	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	NP Banmore	Completed

ANNEXURE-6

Nagar Palika Parisad (NPP) Ambah

<i>Sr. No.</i>	<i>Action points For villages / blocks/town municipalities / City corporations</i>	<i>Identification of gap</i>	<i>Action Plan</i>	<i>Responsible agencies</i>	<i>Timeline for completion of action plan</i>
1.	Segregation				
(i)	Segregation of waste at source	Partially segregation source practiced by household and other generator. Gap-70%	To achieve 100% source segregation required. NPP Ambah.	NPP Ambah	Dec. 22
2	Sweeping				
(i)	Manual Sweeping	No Gap.	100% Manual Sweeping is done by the cleanliness workers of NPP Ambah.	NPP Ambah	Completed
(ii)	Mechanical Road Sweeping & Collection	Not Required Gap- Nil	Not Required.	NPP Ambah	NA
3	Waste Collection				
(i)	100% collection of solid waste	90% collection achieved- Gap 10%	100% waste collection is to be achieved by NPP Ambah.	NPP Ambah	Dec. 22

(ii)	Arrangement for door to door collection	All 18 wards are covered through partially segregated door to door collection. Gap-Nil	100% Door to Door Collection is required and covered all 18 Wards.	NPP Ambah	Completed
(iii)	Waste Collection trolleys with separate compartments	04 Waste collection trolleys with separate compartments available.	02 Waste Collection trollys are required	NPP Ambah	12 months
(iv)	Mini Collection Trucks with separate compartments	Adequate mini collection trucks not available.	02 mini collection truck are required	NPP Ambah	Dec. 22
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap-100%	Waste deposition center is not required. However the arrangement of separate bin is proposed.	NPP Ambah	Dec. 22
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	No Gap.	The Existing Fleet is adequate	NPP Ambah	NA
(ii)	Bulk Waste Trucks	Not required. No Gap	Bulk waste truck not required	NPP Ambah	NA
(iii)	Waste Transfer points.	Not required. No Gap	Waste Transfer points not required.	NPP Ambah	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	NA	NA	NPP Ambah	NA
(ii)	Wet-waste Management: Facility(ies) for central Bio-methanation / Composting of wets waste.	Gap-100%	NPP Ambah required composting for wet waste management.	NPP Ambah	Dec. 22
(iii)	Dry-Waste Management: Material	No facility available. Gap-100%	Dry waste MRF facility of adequate capacity proposed.	NPP Ambah	Dec. 22

	Recovery for dry-waste fraction				
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	No sanitary landfill available. Gap-100%	01 Sanitary landfill required.	NPP Ambah	Mar-23
(v)	Remediation of historic / legacy dumpsite	Legacy dump site is not available. No Gap	Bio Remediation not required	NPP Ambah	NA
(vi)	Involvement of NGOs	Its small town, NGO not applicable.	NA	NPP Ambah	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Its small town, EPR not applicable.	NA	NPP Ambah	NA
(viii)	Authorization of Waste Pickers	Local body is collecting the waste door to door and transporting, hence not applicable.	NA	NPP Ambah	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	NPP Ambah	Completed

ANNEXURE-7

Nagar Palika Parisad (NPP) Porsa

<i>Sr. No.</i>	<i>Action points For villages / blocks/town municipalities / City corporations</i>	<i>Identification of gap</i>	<i>Action Plan</i>	<i>Responsible agencies</i>	<i>Timeline for completion of action plan</i>
1.	Segregation				
(i)	Segregation of waste at source	Partially segregation source practiced by household and other generator. Gap-70%	To achieve 100% source segregation strong IEC required. NPP Porsa.	NPP Porsa	Dec. 22

2	Sweeping				
(i)	Manual Sweeping	No Gap.	100% Manual Sweeping is done by the cleanness workers of NPP Porsa.	NPP Porsa	Completed
(ii)	Mechanical Road Sweeping & Collection	Not Required Gap- Nil	Not Required.	NPP Porsa	NA
3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved-No Gap	100% waste collection is done by NPP Porsa.	NPP Porsa	Completed
(ii)	Arrangement for door to door collection	All 15 wards are covered through partially segregated door to door collection. Gap- Nil	100% Door to Door Collection is required and covered all 15 Wards.	NPP Porsa	Completed
(iii)	Waste Collection trolleys with separate compartments	Waste collection trolleys with separate compartments not available.	02 Waste Collection trollys are required	NPP Porsa	12 months
(iv)	Mini Collection Trucks with separate compartments	Adequate mini collection trucks not available.	02 mini collection truck are required	NPP Porsa	Dec. 22
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap-100%	Waste deposition center is not required. However the arrangement of separate bin is proposed.	NPP Porsa	Dec. 22
4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	No Gap.	The Existing Fleet is adequate	NPP Porsa	NA
(ii)	Bulk Waste Trucks	Not required. No Gap	Bulk waste truck not required	NPP Porsa	NA
(iii)	Waste Transfer points.	Not required. No Gap	Waste Transfer points not required.	NPP Porsa	NA

5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	NA	NA	NPP Porsa	NA
(ii)	Wet-waste Management: Facility(ies) for central Bio-methanation / Composting of wets waste.	Gap-40%	NPP Porsa required 8 compost pit.	NPP Porsa	Dec. 22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No facility available. Gap-100%	Dry waste MRF facility of adequate capacity proposed.	NPP Porsa	Dec. 22
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	No sanitary landfill available. Gap-100%	There is Requirement of 01 Sanitary landfill .	NPP Porsa	Mar-23
(v)	Remediation of historic / legacy dumpsite	Legacy dump site is not available. No Gap	Bio Remediation not required	NPP Porsa	NA
(vi)	Involvement of NGOs	Its small town, NGO not applicable.	NA	NPP Porsa	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Its small town, EPR not applicable.	NA	NPP Porsa	NA
(viii)	Authorization of Waste Pickers	Local body is collecting the waste door to door and transporting, hence not applicable.	NA	NPP Porsa	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	NPP Porsa	Completed

Nagar Parisad (NP) Jhundpura

Sr. No.	Action points For villages / blocks/town municipalities / City corporations	Identification of gap	Action Plan	Responsible agencies	Timeline for completion of action plan
1.	Segregation				
(i)	Segregation of waste at source	Partially segregation source practiced by household and other generator. Gap-70%	To achieve 100% source segregation strong IEC required. NP Jhundpura.	NP Jhundpura	Dec. 22
2	Sweeping				
(i)	Manual Sweeping	No Gap.	100% Manual Sweeping is done by the cleanness workers of NP Jhundpura.	NP Jhundpura	Completed
(ii)	Mechanical Road Sweeping & Collection	Not Required Gap- Nil	Not Required.	NP Jhundpura	NA
3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved-No Gap	100% waste collection is done by NP Jhundpura.	NP Jhundpura	Completed
(ii)	Arrangement for door to door collection	All 15 wards are covered through partially segregated door to door collection. Gap-Nil	100% Door to Door Collection is required and covered all 15 Wards.	NP Jhundpura	Completed
(iii)	Waste Collection trolleys with separate compartments	Waste collection trolleys with separate compartments not available.	02 Waste Collection trollys are required	NP Jhundpura	12 months
(iv)	Mini Collection Trucks with separate compartments	Adequate mini collection trucks not available.	01 mini collection truck are required	NP Jhundpura	Dec. 22
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap-100%	Waste deposition center is not required. However the arrangement of separate bin is proposed.	NP Jhundpura	Dec. 22

4.	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	No Gap.	The Existing Fleet is adequate	NP Jhundpura	NA
(ii)	Bulk Waste Trucks	Not required. No Gap	Bulk waste truck not required	NP Jhundpura	NA
(iii)	Waste Transfer points.	Not required. No Gap	Waste Transfer points not required.	NP Jhundpura	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators	NA	NA	NP Jhundpura	NA
(ii)	Wet-waste Management: Facility(ies) for central Bio-methanation / Composting of wets waste.	Gap-40%	NP Jhundpura required 5 compost pit.	NP Jhundpura	Dec. 22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No facility available. Gap-100%	Dry waste MRF facility of adequate capacity proposed.	NP Jhundpura	Dec. 22
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	No sanitary landfill available. Gap-100%	There is Requirement of 01 Sanitary landfill .	NP Jhundpura	Mar-23
(v)	Remediation of historic / legacy dumpsite	Legacy dump site is not available. No Gap	Bio Remediation not required	NP Jhundpura	NA
(vi)	Involvement of NGOs	Its small town, NGO not applicable.	NA	NP Jhundpura	NA

(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Its small town, EPR not applicable.	NA	NP Jhundpura	NA
(viii)	Authorization of Waste Pickers	Local body is collecting the waste door to door and transporting, hence not applicable.	NA	NP Jhundpura	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	NP Jhundpura	Completed

(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 (MT)
1	Morena	4.88
2	Porsa	0.44
3	Ambah	0.02
4	Sabalgarh	0.45
5	Banmore	0.36
6	Joura	0.47
7	Kailaras	0.29
8	Jhundpura	0.11
	Total	7.02

Sr. No.	Local Bodies	Plastic Waste Generated MT per day
	Blocks :	
1	Porsa	2.15
2	Ambah	2.37
3	Morena	4.04
4	Joura	2.62
5	Pahadgarh	1.85
6	Kailaras	1.86
7	Sabargarh	1.91
	Total	16.8

(b) Identification of gaps and Action Plan :

ANNEXURE-9

Nagar Palika Nigam (MMC) Morena

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.	MMC	Completed
2.	Facilitate organized collection of PW at Waste transfer point or Material	Gap-100%	MRF to be proposed.	MMC	Dec. 22
3.	Recovery Facility	MMC not having material recovery facility.	Material recovery facility to be required.	MMC	Dec. 22
4.	PW collection Centres	PW centres not available. Gap 100%	01 PW collection center is proposed	MMC	Dec. 22

5.	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 shall be done.	MMC	Routine work
6.	Access to Plastic Waste Disposal Facilities	Plastic Waste shall be disposed by MRF to registered plastic waste recyclers. Gap-100%	Access to plastic waste disposal facility shall be provided	MMC	Mar. 22

ANNEXURE-10

Nagar Parisad (NP) Joura

<i>S. No.</i>	<i>Action points For village panchayats/ blocks/ municipalities/ corporations</i>	<i>Identification of gap</i>	<i>Action plan</i>	<i>Agencies Responsible</i>	<i>Target time for Compliance</i>
1.	Door to Door collection of dry waste including PW.	No gap	100% door to door collection being done.	NP Joura	Completed
2.	Facilitate organized collection of PW at Waste transfer point or Material	Gap-100%	MRF to be proposed.	NP Joura	Dec. 22
3.	Recovery Facility	NP Joura not having material recovery facility.	Material recovery facility to be required.	NP Joura	Dec. 22
4.	PW collection Centres	PW centres not available. Gap 100%	01 PW collection center is proposed	NP Joura	Dec. 22
5.	Awareness and education programs implementation	Advertisements through Social Media, Newspapers, Radios and through slogans is	Advertisements through Social Media, Newspapers, Radios and through slogans	NP Joura	Routine work

		done. Gap-nil, however it is continuous process.	shall be done.		
6.	Access to Plastic Waste Disposal Facilities	Plastic Waste shall be disposed by MRF to registered plastic waste recyclers. Gap-100%	Acess to plastic waste disposal facility shall be provided	NP Joura	Mar. 22

ANNEXURE-11

Nagar Parisad (NP) Kailaras

<i>S. No.</i>	<i>Action points For village panchayats/ blocks/ municipalities/ corporations</i>	<i>Identification of gap</i>	<i>Action plan</i>	<i>Agencies Responsible</i>	<i>Target time for Compliance</i>
1.	Door to Door collection of dry waste including PW.	No gap	100% door to door collection being done.	NP Kailaras	Completed
2.	Facilitate organized collection of PW at Waste transfer point or Material	Gap-100%	MRF to be proposed.	NP Kailaras	Dec. 22
3.	Recovery Facility	NP Kailaras not having material recovery facility.	Material recovery facility to be required.	NP Kailaras	Dec. 22
4.	PW collection Centres	PW centres not available. Gap 100%	01 PW collection center is proposed	NP Kailaras	Dec. 22
5.	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 shall be done.	NP Kailaras	Routine work

6.	Access to Plastic Waste Disposal Facilities	Plastic Waste shall be disposed by MRF to registered plastic waste recyclers. Gap-100%	Acess to plastic waste disposal facility shall be provided	NP Kailaras	Mar. 22
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ANNEXURE-12

Nagar Palika Parisad (NPP) Sabalgarh

<i>S. No.</i>	<i>Action points For village panchayats/ blocks/ municipalities/ corporations</i>	<i>Identification of gap</i>	<i>Action plan</i>	<i>Agencies Responsible</i>	<i>Target time for Compliance</i>
1.	Door to Door collection of dry waste including PW.	No gap	100% door to door collection being done.	NPP Sabalgarh	Completed
2.	Facilitate organized collection of PW at Waste transfer point or Material	Gap-100%	MRF to be proposed.	NPP Sabalgarh	Dec. 22
3.	Recovery Facility	NPP Sabalgarh not having material recovery facility.	Material recovery facility to be required.	NPP Sabalgarh	Dec. 22
4.	PW collection Centres	PW centres not available. Gap 100%	01 PW collection center is proposed	NPP Sabalgarh	Dec. 22
5.	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 shall be done.	NPP Sabalgarh	Routine work
6.	Access to Plastic Waste Disposal Facilities	Plastic Waste shall be disposed by MRF to registered plastic waste recyclers. Gap-100%	Acess to plastic waste disposal facility shall be provided	NPP Sabalgarh	Mar. 22

Nagar Parisad (NP) Banmore

<i>S. No.</i>	<i>Action points For village panchayats/ blocks/ municipalities/ corporations</i>	<i>Identification of gap</i>	<i>Action plan</i>	<i>Agencies Responsible</i>	<i>Target time for Compliance</i>
1.	Door to Door collection of dry waste including PW.	No gap	100% door to door collection being done.	NP Banmore	Completed
2.	Facilitate organized collection of PW at Waste transfer point or Material	Gap-100%	MRF to be proposed.	NP Banmore	Dec. 22
3.	Recovery Facility	NP Banmore not having material recovery facility.	Material recovery facility to be required.	NP Banmore	Dec. 22
4.	PW collection Centres	PW centres not available. Gap 100%	01 PW collection center is proposed	NP Banmore	Dec. 22
5.	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 shall be done.	NP Banmore	Routine work
6.	Access to Plastic Waste Disposal Facilities	Plastic Waste shall be disposed by MRF to registered plastic waste recyclers. Gap-100%	Access to plastic waste disposal facility shall be provided	NP Banmore	Mar. 22

Nagar Palika Parisad (NPP) Ambah

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.	NPP Ambah	Completed
2.	Facilitate organized collection of PW at Waste transfer point or Material	Gap-100%	MRF to be proposed.	NPP Ambah	Dec. 22
3.	Recovery Facility	NPP Ambah not having material recovery facility.	Material recovery facility to be required.	NPP Ambah	Dec. 22
4.	PW collection Centres	PW centres not available. Gap 100%	01 PW collection center is proposed	NPP Ambah	Dec. 22
5.	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 shall be done.	NPP Ambah	Routine work
6.	Access to Plastic Waste Disposal Facilities	Plastic Waste shall be disposed by MRF to registered plastic waste recyclers. Gap-100%	Access to plastic waste disposal facility shall be provided	NPP Ambah	Mar. 22

Nagar Palika Parisad (NPP) Porsa

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.	NPP Porsa	Completed
2.	Facilitate organized collection of PW at Waste transfer point or Material	Gap-100%	MRF to be proposed.	NPP Porsa	Dec. 22
3.	Recovery Facility	NPP Porsa not having material recovery facility.	Material recovery facility to be required.	NPP Porsa	Dec. 22
4.	PW collection Centres	PW centres not available. Gap 100%	01 PW collection center is proposed	NPP Porsa	Dec. 22
5.	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 shall be done.	NPP Porsa	Routine work
6.	Access to Plastic Waste Disposal Facilities	Plastic Waste shall be disposed by MRF to registered plastic waste recyclers. Gap-100%	Access to plastic waste disposal facility shall be provided	NPP Porsa	Mar. 22

Nagar Parisad (NP) Jhundpura

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.	NP Jhundpura	Completed
2.	Facilitate organized collection of PW at Waste transfer point or Material	Gap-100%	MRF to be proposed.	NP Jhundpura	Dec. 22
3.	Recovery Facility	NP Jhundpura not having material recovery facility.	Material recovery facility to be required.	NP Jhundpura	Dec. 22
4.	PW collection Centres	PW centres not available. Gap 100%	01 PW collection center is proposed	NP Jhundpura	Dec. 22
5.	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 shall be done.	NP Jhundpura	Routine work
6.	Access to Plastic Waste Disposal Facilities	Plastic Waste shall be disposed by MRF to registered plastic waste recyclers. Gap-100%	Access to plastic waste disposal facility shall be provided	NP Jhundpura	Mar. 22

(iii) C & D Waste Management :

a. Current status related to C & D Waste :

<i>Details of Data Requirement</i>	<i>Present Status</i>
Total C & D waste generation in MT per day (As per data from Municipal Corporations / Municipalities)	6.63
Does the District has access to C&D waste recycling facility?	No

b. Identification of gaps and Action Plan:

ANNEXURE-17

Nagar Palika Nigam (MMC) Morena

<i>S. No.</i>	<i>Action points for blocks/town municipalitie s /City corporations</i>	<i>Identification of Gaps</i>	<i>Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	In Morena Municipal Corporation has established-02 separate collection point of C&D waste. Gap 30%	In Morena Municipal Corporation needed 05 separate collection point of C&D waste.	MMC	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?	C&D Waste implemetation of Bye-Laws notified by MMC. Yes. No Gap.	C&D Waste implemetation of Bye-Laws notified by MMC.	MMC	Completed

3.	C&D recycling Facility	MMC has not established recycling facility for processing of C & D. Gap 100%.	MMC required 50 TPD capacity of recycling facility for C & D waste management.	MMC	Dec. 22
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	MMC has formed bylaws for uses of recycled C&D waste but recycling facility not available. Gap 100%.	MMC needed C&D waste processing facility & further uses for paving blocks etc.	MMC	Dec. 22
5.	ICE on C & D waste management	Through various Banners on streets and other media, MMC is required to created awareness among people regarding C&D Waste. No Gap.	Through various Banners on streets and other media, MMC required created awareness among people regarding C&D Waste.	MMC	Mar. 22

ANNEXURE-18

Nagar Parisad (NP) Joura

<i>S. No.</i>	<i>Action points for blocks/town municipalitie s /City corporations</i>	<i>Identification of Gaps</i>	<i>Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	It's a small town. The By-laws made to dispose the C&D waste in low lying area. The quantity of C&D waste is very less, hence gap- Nil	NA	NP Joura	NA

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?	It's a small town. The By-laws made to dispose the C&D waste in low lying area. No bulk waste generator are there. C&D waste is very less, hence Gap- Nil	NA	NP Joura	NA
3.	C&D recycling Facility	Not required, Gap- Nil	NA	NP Joura	NA
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Not required, Gap- Nil	NA	NP Joura	NA
5.	ICE on C & D waste management	Gap- Nil, It is a routine process.	It is routine process.	NP Joura	Routine Work

Nagar Parisad (NP) Kailaras

<i>S. No.</i>	<i>Action points for blocks/town municipalitie s /City corporations</i>	<i>Identification of Gaps</i>	<i>Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	It's a small town. The By-laws made to dispose the C&D waste in low lying area. The quantity of C&D waste is very less, hence gap- Nil	NA	NP Kailaras	NA
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?	It's a small town. The By-laws made to dispose the C&D waste in low lying area. No bulk waste generator are there. C&D waste is very less, hence Gap- Nil	NA	NP Kailaras	NA
3.	C&D recycling Facility	Not required, Gap- Nil	NA	NP Kailaras	NA
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower	Not required, Gap- Nil	NA	NP Kailaras	NA

	layers of road pavements, colony and rural roads				
5.	ICE on C & D waste management	Gap-Nil, It is a routine process.	It is routine process.	NP Kailaras	Routine Work

ANNEXURE-20

Nagar Palika Parisad (NPP) Sabalgarh

<i>S. No.</i>	<i>Action points for blocks/town municipalitie s /City corporations</i>	<i>Identification of Gaps</i>	<i>Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	It's a small town. The By-laws made to dispose the C&D waste in low lying area. The quantity of C&D waste is very less, hence gap-Nil	NA	NPP Sabalgarh	NA
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	It's a small town. The By-laws made to dispose the C&D waste in low lying area. No bulk waste generator are there. C&D waste is very less, hence Gap-Nil	NA	NPP Sabalgarh	NA

	or 300 tons per project in a month?				
3.	C&D recycling Facility	Not required, Gap-Nil	NA	NPP Sabalgarh	NA
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Not required, Gap-Nil	NA	NPP Sabalgarh	NA
5.	ICE on C & D waste management	Gap-Nil, It is a routine process.	It is routine process.	NPP Sabalgarh	Routine Work

ANNEXURE-21

Nagar Parisad (NP) Banmore

<i>S. No.</i>	<i>Action points for blocks/town municipalitie s /City corporations</i>	<i>Identification of Gaps</i>	<i>Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	It's a small town. The By-laws made to dispose the C&D waste in low lying area. The quantity of C&D waste is very less, hence gap-Nil	NA	NP Banmore	NA

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?	It's a small town. The By-laws made to dispose the C&D waste in low lying area. No bulk waste generator are there. C&D waste is very less, hence Gap-Nil	NA	NP Banmore	NA
3.	C&D recycling Facility	Not required, Gap-Nil	NA	NP Banmore	NA
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Not required, Gap-Nil	NA	NP Banmore	NA
5.	ICE on C & D waste management	Gap-Nil, It is a routine process.	It is routine process.	NP Banmore	Routine Work

Nagar Palika Parisad (NPP) Ambah

<i>S. No.</i>	<i>Action points for blocks/town municipalitie s /City corporations</i>	<i>Identification of Gaps</i>	<i>Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	It's a small town. The By-laws made to dispose the C&D waste in low lying area. The quantity of C&D waste is very less, hence gap-Nil	NA	NPP Ambah	NA
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?	It's a small town. The By-laws made to dispose the C&D waste in low lying area. No bulk waste generator are there. C&D waste is very less, hence Gap-Nil	NA	NPP Ambah	NA
3.	C&D recycling Facility	Not required, Gap-Nil	NA	NPP Ambah	NA

4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Not required, Gap-Nil	NA	NPP Ambah	NA
5.	ICE on C & D waste management	Gap-Nil, It is a routine process.	It is routine process.	NPP Ambah	Routine Work

ANNEXURE-23

Nagar Palika Parisad (NPP) Porsa

<i>S. No.</i>	<i>Action points for blocks/town municipalitie s /City corporations</i>	<i>Identification of Gaps</i>	<i>Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	It's a small town. The By-laws made to dispose the C&D waste in low lying area. The quantity of C&D waste is very less, hence gap-Nil	NA	NPP Porsa	NA
2.	Whether local authority have fixed user fee on C&D waste and introduced permission system for bulk waste generators who	It's a small town. The By-laws made to dispose the C&D waste in low lying area. No bulk waste generator are there. C&D waste is very less, hence Gap-Nil	NA	NPP Porsa	NA

	generate more than 20 tons or more in one day or 300 tons per project in a month?				
3.	C&D recycling Facility	Not required, Gap-Nil	NA	NPP Porsa	NA
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Not required, Gap-Nil	NA	NPP Porsa	NA
5.	ICE on C & D waste management	Gap-Nil, It is a routine process.	It is routine process.	NPP Porsa	Routine Work

ANNEXURE-24

Nagar Parisad (NP) Jhundpura

<i>S. No.</i>	<i>Action points for blocks/town municipalitie s /City corporations</i>	<i>Identification of Gaps</i>	<i>Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Arrangement for separate collection of C&D waste to C&D waste deposition point.	It's a small town. The By-laws made to dispose the C&D waste in low lying area. The quantity of C&D waste is very less, hence gap-Nil	NA	NP Jhundpura	NA

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?	It's a small town. The By-laws made to dispose the C&D waste in low lying area. No bulk waste generator are there. C&D waste is very less, hence Gap-Nil	NA	NP Jhundpura	NA
3.	C&D recycling Facility	Not required, Gap-Nil	NA	NP Jhundpura	NA
4.	Usage of recycled C&D waste in non-structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Not required, Gap-Nil	NA	NP Jhundpura	NA
5.	ICE on C & D waste management	Gap-Nil, It is a routine process.	It is routine process.	NP Jhundpura	Routine Work

(iv) Biomedical Waste Management :**a. Current Status Related to Biomedical Waste :**

<i>Inventory of BMW in the District</i>	<i>Quantity</i>
Total no. of Bedded Healthcare Facilities	64
Total no. of non-bedded HCF	42
No. of HCFs authorized by SPCBs/PCCs	72
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	Nil
Capacity of CBWTFs	N.A.
No. of Deep burials for BMW if any	Nil
Quantity of biomedical waste generated per day	635
Quantity of biomedical waste treated per day	635

b. Identification of Gaps and Action Plan :

<i>S. No.</i>	<i>Action points</i>	<i>Gaps</i>	<i>Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Inventory and Identification of Healthcare Facilities	All HCFs including clinics, hospitals, veterinary, Aayush hospitals, Animal Houses etc. generating biomedical waste identified and authorised by SPCB. No Gap.	The identification of HCFs is a continuous process. No Gap.	MPPCB	Completed
2.	Adequacy of facilities to treat biomedical waste	Bio-medical waste transported to JRR waste management pvt. ltd., Agra, who have adequate facility of treatment. No Gap.	.Bio-medical waste transported to JRR waste management pvt. ltd., Agra, who have adequate facility of treatment.	MPPCB	Completed
3.	Tracking of BMW	No Gap	Bar code system implemented and all vehicle of CBWTF are	MPPCB	Completed

			operated with GPS Tracking system.		
4.	Awareness and education of health care staff	No Gap	Regularly awareness Programs and training to healthcare staff and ULB officials are conducted by Dist. Health Department/MPPCB/facility operator.	MPPCB	Completed
5.	Adequacy of funds	Yes	State level biomedical waste management committee has directed health department to provide adequate funds for bmw management.	Dist. Health Department	Completed
6.	Compliance to Rules by HCFs and CBWTFs	Yes, Gap-Nil	MPPCB are regular monitor compliance of BWM Rules 2016 of HCFs and CBWTF. District level committees are establish in district for monitoring of compliance.	MPPCB	Completed
7.	District Level Monitoring Committee	Yes, Gap-Nil	District Level Monitoring Committee formed by all district and meeting organised by CMHOs.	Dist. Health Dept.	Completed
8.	Waste water Treatment	Regular checks are carried out by MPPCB. Gap-Nil.	MPPCB has granted consent/authorizati on to HCFs with condition of ETP facility.	MPPCB	Completed

(v) Hazardous Waste Management :**a. Current Status related to Hazardous Waste Management :**

<i>Details of Data Requirement</i>	<i>Present Status</i>
No of Industries generating HW	65
Quantity of HW in the district	294.757 MT/Annum
(i) Quantity of Incinerable HW	0.00 MT/Annum
(ii) Quantity of land-fillable HW	123.1 MT/Annum
(iii) Quantity of Recyclable / utilizable HW	171.657 MT/Annum
No of captive/common TSDF	Nil
Contaminated Sites or probable contaminated sites	Nil

b. Identification of Gaps and Action Plan:

<i>S. No.</i>	<i>Action points</i>	<i>Identification of Gaps</i>	<i>Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Regulation of industries and facilities generating Hazardous Waste	No Gap	All the hazardous waste generating industries are identified and authorized by MPPCB.	MPPCB	Completed
2.	Establishment of collection centres	Collection center not required for industries, hence Gap-Nil. ULBs (08) are required to setup the same. Hence, the gap in regard to ULBs is 80%.	All the 08 ULBs are required to be linked with TSDF for disposal of waste.	All ULBs	Dec-22

3.	Training of workers involved in handling / recycling / disposal of HW	No Gap	Appropriate training has been provided and it is continuous process.	CMHO/ MPPCB	Completed
4.	Availability / Linkage with common TSDF or disposal facility	No Gap	CTSDF established M.P. and all the hazardous waste generating industries linked with CTSDF.	MPPCB	Completed
5.	Contaminated Sites	No Gap	None	None	NA

ANNEXURE-27

(vi) E-Waste Management :

a. Current Status related to E-Waste Management

<i>Details of Data Requirement</i>	<i>Present Status</i>
Inventory of E-Waste in MT/year	2.225
Collection centers established by ULBs in the District	No
Collection centers established by Producers or their PROs	No
No authorized E-Waste recyclers /Dismantler	01

b. Identification of Gaps and Action Plan :

<i>S. No.</i>	<i>Action points</i>	<i>Gaps in implementation</i>	<i>Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1	Inventory / Generation of E-Waste / Bulk-waste generators	Gap-Nil	Hospitals, Hotels, Institutes and corporate offices are identified.	MPPCB	Completed
2	E-Waste collection points	E-waste dismantler/recycler is in operation in the name of M/s Prometheus Recycling	E-waste dismantler/recycler is in operation in the name of M/s Prometheus Recycling	MPPCB	Completed

		Private Limited , Susera, Gwalior for collection of E-waste. Gap- Nil	Private Limited , Susera, Gwalior for collection of E-waste.		
3	Linkage among Stakeholders to channelize E-Waste	None of ULBs has linkage with the Recyclers/ Dismantlers. Gap- 100%	ULBs are required to be linked with authorized recyclers/Dismantlers.	ULB's	Dec-22
4	Regulation of Illegal E- Waste recycling / dismantling	Awareness regarding regulation of Illegal recycling/dismantling is done according to the "E-Waste management rules,2016". Gap-Nil	Awareness regarding regulation of Illegal recycling/dismantling is done according to the "E-Waste management rules,2016".	MPPCB/ UL B's	Routine Work
5	Integration of informal sector	Ongoing Process.	Workshop on E-waste Management was conducted with agenda to channelize the E- waste to Authorized Dismantlers and Recyclers.	MPPCB/ UL B's	Routine Work
6	Awareness and Education	Ongoing Process.	Proper E-Waste Channelization and Awareness among the stakeholders conducted by ULB's, District Administration and MPPCB.	Dist. Adm. /ULB's/ MPP CB	Routine Work

3.0 Air Quality Management :

a. Current Status related to Air Quality Management :

<i>Details of Data Requirement</i>	<i>Present Status</i>
Number of Automatic Air Quality monitoring stations in the district. Operated by SPCB / State Govt / Central govt./ PSU agency : Operated by Industry:	None None
Number of manual monitoring station operated by SPCB	01
Name of towns / cities which are failing to comply with national ambient air quality stations	Morena
No of air pollution industries	59
Prominent air polluting sources- Large Industry/Small Industry/Unpaved Road/Burning of Stubble/Brick kiln/industrial states/Other[Multiple selection]	Hotspot of Air Pollution : Industrial states, unpaved road, burning of stubble & brick kiln

b. Identification of Gaps and Action Plan :

<i>S. No.</i>	<i>Action points</i>	<i>Indicative Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Identification of prominent air polluting sources?	The prominent Air pollution sources are : Vehicular emission, Road dust, Littering of wastes, Burning of stubble, brick kiln, industrial estate. Gap-30%.	ULB, Adm., RTO, Agriculture , MPPCB	Routine work
2.	Ambient Air quality data?	In Morena 01 manual ambient air quality monitoring station is in operation by PCB. The air quality sending to local administration.	MPPCB	Completed
3.	Setting up of Continuous Ambient Air Quality Monitoring Station	In district atleast 01 CAAQMS is proposed..	MPPCB	June 2023
4.	District Level Action Plan for Air Pollution	The district not covered in nonattainment city. Therefore it is not required.	MPPCB	NA
5.	Hotspots of air pollution in District	In Morena district, MS road, Sadar bazaar, bariul chouraha, Nainagarh roa etc. identified. Gap-Nil	Adm. , ULB, MPPCB	Completed
6.	Awareness on Air Quality	Mobile App Env Alert is available for Display of Air quality data and also redressing system for air pollution complaint . Gap-Nil	MPPCB	NA

4.0 Water Quality Management :**4.1 Water Quality Monitoring :****a. Current Status related to Water Quality Management :**

Details of Data Requirement	Present Status
Rivers	Chambal, Quanwari, Sankh, Asan – 241 Km.
Length of Coastline (if any)	There is no Coast and coastline in District Morena.
Nalas/ Drains/Creeks meeting Rivers	09 nallah
Lakes / Ponds	52
Total Quantity of sewage from towns and cities in District	161 MLD
Quantity of industrial wastewater	1.6 MLD
Percentage of untreated sewage	85 %
Details of bore wells and number of permissions given for extraction of groundwater	No. of Borewell : 21019 Extraction Permission : 2128
Groundwater polluted areas if any	Nil
Polluted river stretches if any	Nil

b. Identification of Gaps and Action Plan for Water Quality Monitoring :

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1.	Inventory of water bodies	In Morena MPPCB/PHE monitoring cell maintain data of all major water bodies including its water quality. Gap Nil	MPPCB/PHE	NA
2.	Quality of water bodies in the district	Regular monitoring of water bodies is done by MPPCB on monthly basis. Gap-Nil.	MPPCB	NA
3.	Hotspots of water contamination	No Gap	MPPCB	NA
4.	Protection of river / lake water front	No gap	MPPCB/ ULBs	Routine Work
5.	Inventory of sources of water pollution	No gap	ULBs	Completed

6.	Oil spill disaster management (for coastal districts)	District Morena is not coastal district, hence not applicable.	NA	NA
7.	Protection of flood plains	Regular work done. Gap- Nil	Dist. Adm./ WRD	Routine Work
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. Gap- Ongoing Process.	ULBs	Routine Work
9.	Complaints readdressal system	Yes EnvAlert App prepared by MPPCB for addressing complaint. Gap- Nil	MPPCB	NA

4.2 Domestic Sewage :

a. Identification of Gaps and Action Plan for Treatment of Domestic Sewage :

<i>Details of Data Requirement</i>	<i>Present Status</i>
No of Class-II towns and above	01
No of Class-I towns and above	00
No of Towns STPs installed	01
No of Towns needing STPs	01
No of ULBs having partial underground sewerage network	08
No of towns not having sewerage network	00
Total Quantity of Sewage generated in District from Class II cities and above	25 MLD
Quantity of treated sewage flowing into Rivers (directly or indirectly)	Nil
Quantity of untreated or partially treated sewage (directly or indirectly)	136 MLD
Quantity of sewage flowing into lakes	Nil
Total available Treatment Capacity	25 MLD

b. Identification of Gaps and Action plan for Treatment of Domestic Sewage:

<i>S. No.</i>	<i>Action points</i>	<i>Gaps and Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Sewage Treatment	1. In Morena has installed 25 MLD STP for treatment of domestic waste.	MMC	NA
2.	Underground	1. The sewerage network line laid in the Morena city for proper sewage collection and its treatment. Gap-Nil 2. Action Plan for collection of sewage shall be prepared for remaining ULBs (07) and implemented.	MMC, ULBs (07) Adm.	NA 05 year

ANNEXURE-30

5.0 Industrial Waste Water Management :

a. Current Status related to Industrial Wastewater Management :

Number of Red, Orange, Green and White industries in the District	132
No of Industries discharging waste water	Nil
Total Quantity of industrial wastewater generated	1.63 MLD
Quantity of treated industrial waste water discharged into Nalas / Rivers	Nil
Common Effluent Treatment Facilities	Nil
No of Industries meeting Standards	24
No of Industries not meeting discharge Standards	Nil

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

<i>S. No.</i>	<i>Action points</i>	<i>Gaps and Action Plan</i>	<i>Responsible agency</i>	<i>Timeline For completion of action plan</i>
1.	Compliance to discharge norms by Industries	All the waste water discharging industries meeting with the standard. Gap-Nil	MPPCB	NA
2.	Complaint redressal system	Yes, EnvAlert App prepared by MPPCB for addressing complaint. Gap-Nil.	MPPCB	NA

6.0 Mining Activity Management Plan :**a. Current Status Related to Mining Activity Management :**

<i>Details of Data Requirement</i>	<i>Existing Mining operations</i>
Type of Mining Activity	Stone Bolder Mine - 102
No of licensed Mining operations in the District	102
% Area covered under mining in the District	0.18 %
Area of Sand Mining	[Sq. km.] - 00
Area of sand Mining	[River Bed]/(Estuary)/(Non river deposit) - None

b. Identification of Gaps and Action Plan :

<i>S. No.</i>	<i>Action points</i>	<i>Gaps and Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Monitoring of Mining activity	Dist. Mining Dept. has permitted to mines for operation with compliance of environmental norms as mentioned in Environmental Clearance. Gap-Nil	Mining Dept./MPPCB	Routine Work
2.	Inventory of illegal mining if any mining	The illegal mining is not permitted. The State Govt. has constituted a committee under the chairmanship of collector Morena. The members of the committee are SP, MPPCB, Mining Officer. Mining Officer is the convener of the committee. Gap-Nil, however it is a routine work of identification of illegal mining.	District Administration/ Mining Dept.	Routine Work
3.	Environment compliance by Mining industry	Periodic inspection are done to check the compliance of environmental conditions regularly by MPPCB. Gap- Nil	MPPCB	Routine Work

7.0 Noise Pollution Management plan**a. Current Status related to Noise Pollution Management :**

<i>Details of Data Requirement</i>	<i>Measurable Outcome</i>
No. of noise measuring devices available with various agencies in district	MPPCB-01

b. Identification of Gaps and Action Plan :

<i>S. No.</i>	<i>Action points</i>	<i>Gaps and Action Plan</i>	<i>Responsible agency</i>	<i>Timeline for completion of action plan</i>
1.	Availability of Sound/Noise Level Meters.	Adequate no. of noise monitoring devices are available. Also Smart Phone, the app of noise monitoring are used. Gap-Nil	District Adm./ MPPCB	NA
2.	Ambient Noise	Noise Level Monitoring with the Manual Meters is done in a month to check the ambient Noise Levels of the city. Gap-Nil	District Adm./ MPPCB.	Routine Work
3.	Sign boards in Noise zones	Silent Zones are notified by District Administration with the sign boards in the city. Gap-Nil	District Adm./ Traffic Police	NA.
4.	Complaint redressing system	Yes EnvAlert App prepared by MPPCB for addressing complaint. Gap-Nil	District Adm. /MPPCB	Routine Work

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