

कार्यालय कलेक्टर एवं जिला दण्डाधिकारी  
जिला-सीहोर (म.प्र.)

क्रमांक 952 / /2021

सीहोर, दिनांक 30/09 /2021



प्रति,

प्रमुख सचिव,  
म0प्र0 शासन, पर्यावरण विभाग  
मंत्रालय, भोपाल ।

विषय:- जिला पर्यावरण योजना सीहोर के संबंध में ।

संदर्भ:- आपका पत्र क्रमांक 808 /435 /2021 /32-3 दिनांक 21 सितम्बर 2021 ।

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उपरोक्त विषयान्तर्गत संदर्भित पत्र के परिपेक्ष्य में सीहोर जिले की जिला पर्यावरण योजना संलग्न कर आवश्यक कार्यवाही हेतु प्रेषित है ।

संलग्न:- उपरोक्तानुसार ।

( चन्द्र मोहन दाकुर )  
कलेक्टर, जिला सीहोर

पृ0क्रमांक 953 / /2021

सीहोर, दिनांक 30/09 /2021



प्रतिलिपि:-

क्षेत्रीय अधिकारी, म.प्र.प्रदूषण नियंत्रण बोर्ड, भोपाल की ओर जिला पर्यावरण योजना की प्रति संलग्न कर सूचनार्थ आवश्यक कार्यवाही हेतु ।

( चन्द्र मोहन दाकुर )  
कलेक्टर, जिला सीहोर

# **District Environment Plan**

## **Sehore - District(M.P.)**

**(Hon'ble National Green Tribunal Order in OA 360/2018 dated 29/01/2021)**



**Prepared By –**

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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 Sehore. MPPCB Sehore 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 Sehore is submitted as here in below as per guidelines received from CPCB. As per the direction of Hon'ble NGT, Collector Sehore constituted District Committee comprising of following members to evolve and execute District Environmental Plan

1.	District Collector, Sehore	Chairman
2.	S.P. Traffic Police, Sehore	Member
3.	CEO, Jila Panchayat, Sehore	Member
4.	Upper Collector (NGT Nodal Officer), Sehore	Member
5.	Astt. Geo-hydrologist, Sehore	Member
6.	District Mining Officer, Mining Office, Sehore	Member

7.	Joint Director, Urban Development Authority, Sehore	Member
8.	Deputy Director Agriculture welfare Dept., Sehore	Member
9.	Executive Engineer, WRD, Sehore	Member
10.	CMHO, Sehore	Member
11.	Executive Engineer, PHED, Sehore	Member
12.	RTO, Sehore	Member
13.	Deputy Director of Veterinary & Animal Husbandry, Sehore	Member
14.	Divisional Forest Officer, Sehore	Member
15.	District Incharge Officer, M.P. Pollution Control Board, Sehore	Member
16.	General Manager, MPSIDC (AKVN), Sehore	Member
17.	General Manager, DTIC, Sehore	Member
18.	Project Officer, DUDA, Sehore	Coordinator
19.	M/s- Sehore incinerator Limited, Sehore	Member
20.	M/s- BMW Solution, Ratua Ratanpur, Sehore	Member
21.	Traffic Department Sehore	Member
22.	Chief Municipal Officer, Berasiya Sehore	Member
23.	District food officer, Sehore	Member

## 1.0 District Profile:

Sehore stands in the foothills of Vindhya Range in the middle of Malwa region. Sehore has a long and glorious past. Shaiva, Shakta, Jain, Vaishnav, Buddhists and Nath priests made Sehore a significant seat of their deep meditation. Sehore was a part of Sehore estate. After formation of Madhya Pradesh, the state capital Sehore was a part of the Sehore district. It was bifurcated in 1972 and a new district Sehore was formed.

Ancient lores indicate that Maharshi Patanjali, the illustrious founder of Yoga sect also spent some time here in prayers & worship. Folklore also indicate to the visits of Lord Rama, Lakshman and Sita to its different places. Sehore has so many Temples, Mathas, Shrines, Mosques, Churches of great historical and religious antiquity. In that sense, Sehore boasts of its glorious tradition of communal harmony and homogenous culture.

"Sidhpur" is the old name of Sehore. According to a rock-edict found from the river Seevan, it got its name from "SidraPur". According to an old document Sehore has got its name from the Anglo-Indian perversion of "Sher" or Lion as pronounced by the Britishers, since lion or "Shers" were in the great numbers in the nearby jungles.

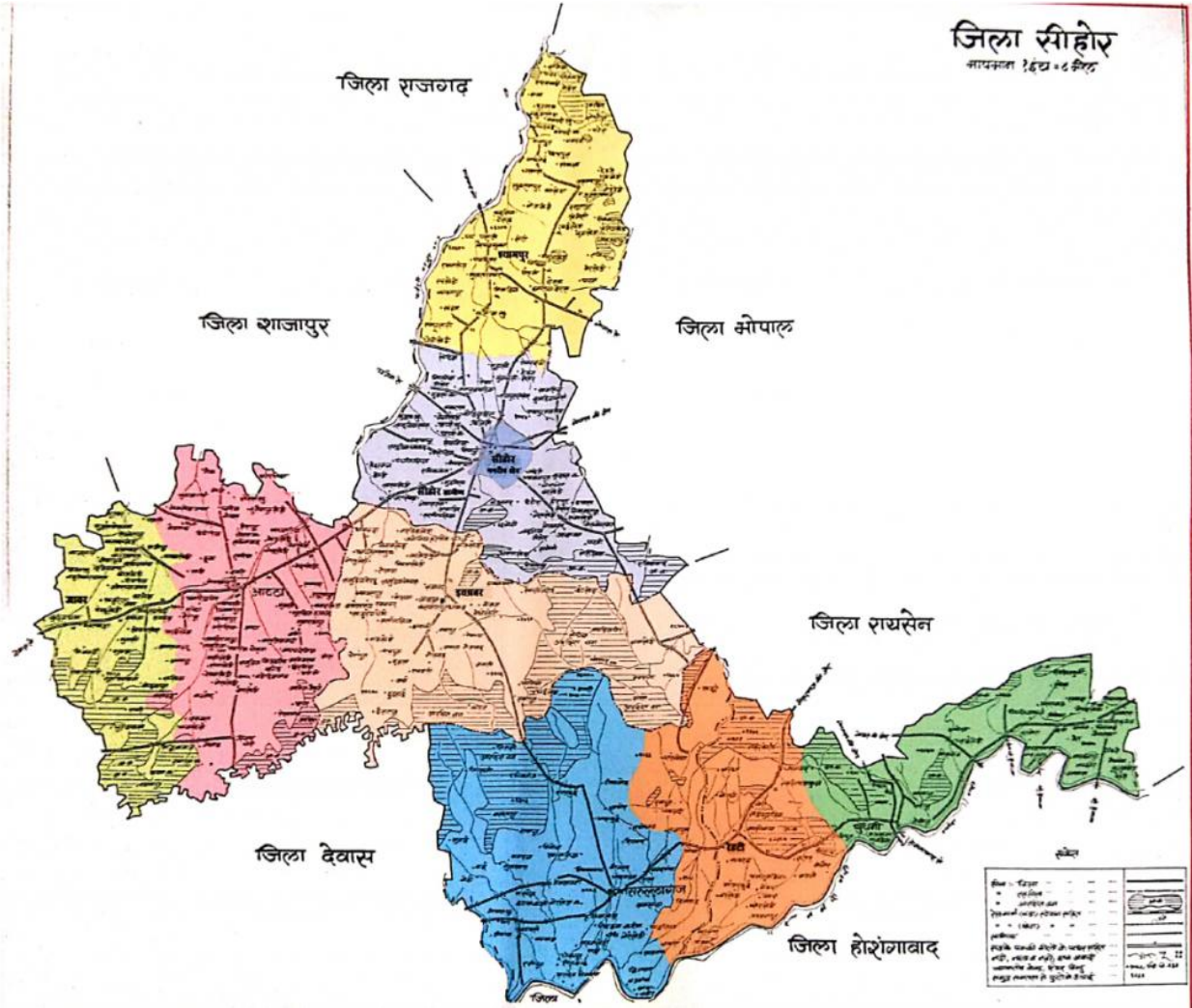
Sehore has been an integral part of it Awanti. Later on it was under the tutelage of Magadh dynasty, Chandragupta 1st, Harshvardhan, Ashok the great, Raja Bhoj, Peshwa chiefs, Rani Kamlawati and the Nawabs of Sehore dynasty. Sehore remained the headquarters of the political agent and resident of the British.

Rivers big and small abound the landscape of Sehore. Narmada, Parwati, Dudhi, Newaj, Kolar, Papnas, Kulans, Seevan, Lotia and other rivers tell the sad tale of their lost splendour in the form of scattered idols. Idols of Lord Vishnu, Ganesha, Shiv, Parvati, Nandi, Garuda, Lord Mahavira, Gautama Buddha, Apsaras and fairies have been found in different forms and postures. Sehore played a crucial role in the freedom movement of India (1857 movement). "Nishant-e-Mahaviri and Nishan-e-Mohammadi" remained furling in the place of Union Jack. That short Phase of independence from the British clutches, when Sir Hurose and Robert Hamilton crushed the uprising by putting 354 patriots to the gallows and gunning down 149 sepoys, Nawabs of Sehore remained always loyal to the British. That caused heavily to the efforts of the Patriots in order to flush out the British from Sehore.

On 15th August 1947 India got its independence. But estate of Sehore did not merge with the India state till 1949 and even that after a fierce struggle. Sehore has got the honour of its achievement in the field of academics and literature. Lancient Likinson, the political agent got established the first English translation of "Abhigynn Shakuntalam" in 1835-40.

The high school of Sehore founded in 1835 by political agent Likinson, has to its credit student like Mr. Hidayauallah (Former chief justice, Supreme Court & Vice President of India) Mr. Banchu [Ex Chief Justice] Mirza FaimBegh [Chief Engineer].

# Sehore District Map



### a- Administrative Setup of District

The Sehore city is district headquarter of the district Sehore. There are 9 tehsils namely Sehore Urban, Sehore Rural, Shyampur, Ashta, Jawar, Ichhawar, Nashrullaganj, Budhni & Rehti district Sehore. The district has 05 blocks namely Sehore, Ashta, Ichhawar, Nashrullaganj, Budhni the district is headed by District Magistrate and the S.D.M. are posted at Block level.

<b>a- Administrative Setup of District</b>	
<b>Description</b>	<b>In Numbers</b>
Parliamentary Area	(03) Sehore, Vidisha, Dewas
Number of Assembly Constituencies	04
Sub Division	05
Tehsil	09
Blocks	05
Gram Panchayats	497
Tota Villages	1154
Number of Revenue Grams	1069

<b>Organization Chart</b>
District Administration is headed by District Collector also known as District Magistrate, who is an IAS Officer. The entire department's Report to District Collector. In District, the typical Organization structure is as follows:
1. District Collector
2. Additional Collector
3. Chief Executive Officer, Zila Panchayat
4. Sub Divisional Magistrate
5. Chief Executive Officer, Janpad Panchayat
6. Chief Municipal Officer, Nagar Palika / Parishad

<b>District Head</b>	
<b>Designation</b>	<b>No./Value</b>
Collector And District Magistrate	01
Additional Collector	01
Divisional Forest Officer	01
Deputy Collector	03
SDM	05



**b- Urban Local Bodies:-**

<b>S.No.</b>	<b>Local Bodies Name</b>
1.	Sehore Nagar Palika
2.	Ashta Nagar Palika
3.	Ichawar NagarParishad
4.	Nasrullaganj NagarParishad
5.	Budni NagarParishad
6.	Rehti NagarParishad
7.	Jawar NagarParishad
8.	Kothri NagarParishad
9.	Shahganj NagarParishad

<b>Administrative Units</b>	
<b>Description</b>	<b>In Numbers</b>
TEHSILS	08
BLOCKS	05
URBAN (TOWNS)	09
RURAL (VILLAGES)	1,072
REVENUE (VILLAGES)	1,037
FOREST (VILLAGES)	35
POPULATED (VILLAGES)	1,011
DEPOPULATED (VILLAGES)	56
DEPOPULATED (FOREST VILLAGES)	5
REVENUE INSPECTOR CIRCLE	16
PATWARI CIRCLE	199
POLICE STATION	13
POLICE STATION (SC/ST CELL)	1
POLICE CHOWKI	9
(A) NAGAR PALIKA	2
NAGAR PANCHAYAT	7
NAGAR VIKAS PRADHIKARAN	0
JANPAD PANCHAYAT	5
GRAM PANCHAYAT	497
KRISHI UPAJ MANDI	7

<b>c- Natural Resources</b>	
<b>Name of River/Dam</b>	<b>Place</b>
NARMADA-RIVER	BUDNI
PARVATI-RIVER	ASHTA
AJNAL-RIVER	SONDA(ASHTA)
KOLAR-RIVER	SEHORE
UTAWALI-RIVER	DORAHA
SEEP-RIVER	NASRULLAGANJ
AMBER-RIVER	NASRULLAGANJ
SEEWAN-RIVER	SEHORE
KALIASOT-RIVER	BUDNI
NEVAJ-RIVER	MEHATWARA
DUDHI-RIVER	DODI
KOLAR-DAM	BUDNI
BHAJNER	-----

**d- Details of Demography of Sehore District: -**

Item	Description	Item	Description
Area	6578 Sq.Km	Total Population	13,11,332
Revenue divisions	05	Urban Population	2,48,462
Revenue Tehsils	09	Rural Population	10,62,870
Gram Panchayats	497	Male Female Ratio	918
Janpad Panchayat	05	Literacy Rate	59.50%
No.Of Municipalities	09	Blocks	05
Population Density	128	No. Of Revenue Villages	1069

**e- Land Use Pattern –**

<b>Geographical area</b>	<b>Area under forest</b>	<b>Net Area Sown</b>	<b>Cropped area</b>	<b>Area Irrigate</b>	<b>Percentae of Net area irrigated to total area sown</b>
656368 hec.	164045 he.	397774 hec.	825407 hec.	464888 hec.	56%

**f- Climate Rainfall**

<b>Description</b>	<b>In mm</b>
AVERAGE RAINFALL	1148.4mm

**Climate- Temperature**

<b>Description</b>	<b>In Degree Celsius</b>
AVERAGE TEMPERATURE	-
AVERAGE MINIMUM (DECEMBER)	7.9
AVERAGE MAXIMUM (MAY)	42.4

The District Environmental Plan covers the following environmental issues:

1. Waste Management Plan
  - (i) Solid Waste Management Plan (for each ULB)
  - (ii) Plastic Waste Management (for each ULB)
  - (iii) C&D Waste Management
  - (iv) Biomedical Waste Management (for each ULB)
  - (v) Hazardous Waste Management
  - (vi) E-Waste Waste Management
2. Water Quality Management Plan
3. Domestic Sewage Management Plan
4. Industrial Wastewater Management Plan
5. Air Quality Management Plan
6. Mining Activity Management plan
7. Noise Pollution Management Plan

## 2.0 Waste Management

### (i) Solid Wastes Management in Bhopal District:

In Sehore District, there are 09 Municipalities. The total quantity of Solid Waste Generation is around 89.89 MT / day. In Sehore District, most of the solid waste is generated in Sehore and Ashta Municipalities. The 09 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. 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 :-

**Table-1**

S.No.	Name of ULB	Annexure
1	Nagar Parisad, Sehore	Annexure-01
2	Nagar Parisad, Kothri	
3	Nagar Parisad, Ashta	
4	Nagar Parisad, jawar	
5	Nagar Parisad, Ichhawar	
6	Nagar Parisad, Rehti	
7	Nagar Parisad, Nashrullaganj	
8	Nagar Parisad, Budhni	
9	Nagar Parisad, Shahganj	

### (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. 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-1**.

**(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 local bodies the C & D waste generation is very less and they are advised to ensure that the C & D Waste is 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-1**.

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

In Sehore District 60 Private Hospitals/Health Care Facilities are functioning and 69 Non - Bedded HCFs. All the Private Health Care facilities have made agreement with Common Bio Medical Waste Facility owned by M/s Environment Protection Corporation located at Sehore. All the major Govt. Hospitals are also sending their waste to above incinerators. The Govt. Primary Health Centers 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 Sehore district related to action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in **Annexure-2**.

**(v) Hazardous Waste Management**

There are 31 units which have obtained authorization from MPPCB in Sehore District. Industries have obtained authorization for 17867.547 TPA. The hazardous waste which is landfill able is sent to M/s. M.P. Waste Management Co. Ltd., at Pithampur for secured landfill. The recyclable and reusable waste is sent to authorize recyclers. The details as required in Model format of CPCB are **enclosed as 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 is no recycler or dismantler unit in Sehore district for E-Waste Management. The E-Waste generated in the area required proper management system. The details of E-Waste for Sehore district with respect to action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in **Annexure-4**.

**3. Air Quality Management Plan**

The major source of air pollution in Sehore is vehicular emission, unpaved road shoulders, construction activities, industrial emission etc. M P Pollution Control Board is regularly monitoring the Air Quality. The details of action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in **Annexure-5**

#### **4. Water Quality Management Plan: -**

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 program and the reports are submitted to the Central Pollution Control Board. Based on the consolidated reports of GEMS and MINARS program 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 present District Environment Plan all the water bodies (Lakes, Tanks, Ponds, Ground Water) in District Sehore have been considered. The rivers flowing in the district along with their length have been identified. Also the tanks, ponds alongwith their submerged area has been provided by WRD. The details of Water bodies of Sehore district and the action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in **Annexure-6**.

#### **4.1. 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. As per proforma provided by CPCB the information about sewage generation, treatment, sewerage network etc. has been collected for Class-II, 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-7**.

#### **5. Industrial Waste Water Management Plan**

In Sehore the major industrial area is Pachama in district. This industrial area is housing large, medium and small scale industries particularly, Textiles, Food Processing, Agro Industries, Mineral Mines, Fabrication etc. The details are given in following parts of the report. 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-8**.

## **6. Mining Activity Management Plan**

Sehore district have major mineral mine. The stone boulder mines, sand mines, Flag Stone mines, Murram mines and are mainly operating in district. The stone gitti is made from the boulders excavated from the stone mines and clay bricks are manufactured from Ordinary Clay. The details of mining activity, mining licenses issued along with action areas, details of data requirements, measurable outcome etc. are given in **Annexure-9**.

## **7. Noise Pollution Management Plan**

In Sehore district there are 09 municipalities. The major source of noise pollution is Vehicular Traffic, Railways, Transport and Industries etc. As per proforma provided by CPCB the information about Noise Pollution Management Plan has been collected for district Sehore. The details of action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in **Annexure-10**.

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

## NAGAR Palika Sehore

## (i) Solid Waste Management

## (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	
Sehore Nagar Palika	36	257311(Urban- 46843, Rural - 210468)	1,311,332	89.89 MT/ Day	
Local Bodies	No. Of Villages/Panchayats / Blocks	No. Of Households	Population	Solid Waste Generated Per day	
<b>Block-</b> Sehore, Ashta, Ichhawar, Nashrullagnaj, Budhni / <b>Tehsil -</b> Sehore Urban, Sehore Rural, Shyampur, Ashta Jawar, Ichhawar, Nashrullaganj, Budhni, Rehti	<b>Village Panchayat</b> Sehore- 144 Nos., Ashta- 134 Nos., Ichhawar -70 Nos., Nashrullaganj - 87 Nos., Budhni - 62 Nos. <b>Revenue Village-</b> 1069 Nos.				
Village/ Gram Panchayats					

## (ii) Plastic waste Management

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

Urban Local bodies	Estimated quantity of Plastic Waste Generated per day (MT/Day)				
Sehore District	0.80 MT/Day				
<b>Local Bodies</b>	<b>Plastic Waste Generated per day (TPD)</b>				
Block/ Taluk/ MandalTehsil	0.80 MT/Day				
Village/ Gram Panchayats					

## (iii) C &amp; D Waste Management

## (a) Current status related to C &amp; D Waste

Urban Local bodies	Estimated quantity of C&D Generated per day (MT/Day)				
Sehore District	3.00 MT/ Day				
<b>Local Bodies</b>	<b>C&amp;D Waste Generated per day (TPD)</b>				
Block/ Taluk/ MandalTehsil	3.00 MT/Day				
Village/ Gram Panchayats					

## 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	In Urban Areas 100% segregation at source will be achieved by December 2021.	Pamphlet distribution, increasing awareness through songs, etc. Fitted with MSW collection vehicle.	Concerned Municipality and Gram Panchayats	Complied
<b>2</b>	<b>Sweeping</b>				



(i)	Manual Sweeping	There is nearly 20% gap in daily sweeping of roads in urban areas, whereas in rural area it is 80%. - Gap in manpower is 50% in all ULBs and 80% in rural area. - Gap in availability of PPEs is nearly 70% in all rural areas.	1. All pucca roads will be covered in daily manual sweeping by All ULBs. 2. In order to increase frequency of cleaning manpower will be increased in ULBs. 3. PPEs will be provided to all Sanitation workers.	Concerned Municipality Body and Gram Panchayats	06 months after budget sanction.
(ii)	<b>Mechanical Road Sweeping &amp; Collection</b>	100% gap in mechanized sweeping for identified stretches in Nagar Palika Sehore.	Nagar Palika Sehore aspires to procure 02no. of road Sweeping Machines.	Concerned Municipality Body and Gram Panchayats	Three months after sanction of funds.
<b>3</b>	<b>Waste Collection</b>				
(i)	100% collection of solid waste	No gap in urban areas. 75% gap in rural area	Yes, action plan is already prepared and 100% door to door collection of MSW in all ULBs.	Concerned Municipality Body and Gram Panchayats	In rural Area it is targeted to achieve 100% waste collection by 2025.
(ii)	<b>Arrangement for door to door collection</b>	No gap in urban areas. 75% gap in rural area	All wards in all ULBs are covered under door to door collection of MSW whereas 87 gram panchayats are practising door to door waste collection.	Concerned Municipality Body and Gram Panchayats	In rural Area it is targeted to achieve 100% waste collection by 2025.
(iii)	Waste Collection trolleys with separate compartments	No gap in urban areas. 75% gap in rural area	Adequate no. of collection vehicles are employed in urban areas whereas 87 Gram panchayats have E-rikshaw and Cycle rikshaw for waste collection	Concerned Municipality Body and Gram Panchayats	In rural Area it is targeted to have waste collection trolleys with separate compartment in all Gram panchayats by 2025.
(iv)	Mini Collection Trucks with separate compartments	No Gap.	NA	NA	NA
(v)	Waste Deposition centres (for domestic hazardous wastes)	No gap in urban areas. 75% gap in rural area	Adequate no. of waste deposition centers are available in each ULB. Separate box for domestic hazardous waste is also fitted with door to door collection vehicle.	Concerned Municipality Body and Gram Panchayats	In rural Area it is targeted to have waste collection trolleys with separate compartment in all Gram panchayats by 2025.
<b>4</b>	<b>Waste Transport</b>				
(i)	<b>Review existing infrastructure for waste Transport.</b>	No gap. The existing fleet is adequate in all ULBs. Segregated waste transport is being done.	Collected waste is transported directly to dumping yard in rural area waste is transported to their nadep	Concerned Municipality Body and Gram Panchayats	In rural Area it is targeted to achieve 100% waste collection by 2025.
(ii)	Bulk Waste Trucks	No Gap.	NA	NA	NA
(iii)	Waste Transfer points	No Gap.	Waste transfer stations are not required anywhere in the district.	NA	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	Waste transfer stations are not required anywhere in the district	NA	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	There is No Biomethanation plant setup. - Composting method- Windrow/Aerobic composting in rural area composting with 100 Nos. Tanks.	Nagar Palika Sehore has prepared DPR for setting up 20MT/D biomethanation plant and called tenders for it. The process of DPR preparation is going on in 08 ULB's.	Concerned Municipality Body and Gram Panchayats	For ULB's March 2022. In Rural Area it is targeted to be achieved by 2025.
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No gap. MRF centres are available in all ULB's -	Nagar Palika Sehore has prepared DPR for setting up 45MT/D Dry waste processing plant and called tenders for it. The process of DPR preparation is going on in 08 ULB's.	Concerned Municipality Body and Gram Panchayats	For ULB's March 2022. In Rural Area it is targeted to be achieved by 2025.
(iv)	Disposal of inert and non-recyclable wastes: Sanitary Landfill	No Sanitary landfill is available in the District.	Nagar Palika Sehore is preparing DPR for setting up a sanitary landfill site.	Concerned Municipality Body and Gram Panchayats	March 2022.
(v)	Remediation of historic / legacy dumpsite	Gap is there. - Nagar Palika Sehore has proposed Bioremediation plan of legacy waste . Other ULB's are also preparing the same for them.	Action plan for remediation have been prepared by all ULBs. As soon as the funds will be available the action will be initiated.	Concerned Municipality Body and Gram Panchayats	Within 6 months after availability of funds.
(vi)	Involvement of NGOs	No	No	NA	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	No	Action Plan for EPR of producers will be prepared	Concerned Municipality Body and Gram Panchayats	March 2022.
(viii)	Authorisation of Waste Pickers	Yes	Attached as annexure.	Concerned Municipality Body and Gram Panchayats	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	No Gap	Concerned Municipality Body and Gram Panchayats	NA

**(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 in ULBs. 70% gap in rural areas.	District water and sanitation committee Sehore has prepared an action plan to fill gap in rural area.	Concerned Municipality Body and Gram Panchayats	March 2025 for rural area
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	In all 09 ULBs MRF Centres are established and operating with involvement of informal sector/NGO/waste pickers. In rural area MRF centres are yet to establish.	District water and sanitation committee Sehore has prepared an action plan to fill gap in rural area.	Concerned Municipality Body and Gram Panchayats	March 2025 for rural area
3	PW collection Centres	In all 09 ULBs MRF Centres are established and operating. In rural area MRF centres are yet to establish.	District water and sanitation committee Sehore has prepared an action plan to fill gap in rural area.	Concerned Municipality Body and Gram Panchayats	March 2025 for rural area
4	Awareness and education programs implementation	No Gap.	Education through mass media, schools, Producer / brand owner campaigns and other channels	Concerned Municipality Body and Gram Panchayats	March 2025 for rural area

5	Access to Plastic Waste Disposal Facilities	Yes	Plastic waste collected in MRF centres of 09 ULBs of the district and PW is sent to various plants in Mandideep which is at a reasonable distance from the District.	Concerned Municipality Body and Gram Panchayats	March 2025 for rural area
<b>(iii) C &amp; D Waste Management</b>					
<b>b. Identification of gaps and Action plan:</b>					
<b>S. No.</b>	<b>Action points for blocks / town municipalities / City corporations</b>	<b>Identification of Gaps</b>	<b>Action Plan</b>	<b>Responsible agency</b>	<b>Timeline for completion of action plan</b>
1	Arrangement for separate collection of C&D waste to C&D waste deposition point.	All ULBs are collecting and reusing C & D waste for landfilling. In rural areas a negligible amount of C & D waste is generated which is used for pot holes in rural roads and land filling.	Nagar Palika Sehore is preparing plan for setting up recycling plant of C & D waste.	Concerned Municipality Body and Gram Panchayats	March 2022 in Sehore
		No such Bulk waste generator of C&D waste exists in the district.	NA	NA	NA
		District has not any C&D waste recycling facility.	Nagar Palika Sehore is preparing plan for setting up recycling plant of C & D waste.	Concerned Municipality Body and Gram Panchayats	March 2022 in Sehore
		Yes, policy is there for ULBs in the district.	NA	NA	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?	IEC activities on C&D waste collection and reuse is exercised time to time by ULBs.	Action plan is there for awareness and education	Concerned Municipality Body and Gram Panchayats	NA
3	C&D recycling Facility	Check whether district has any C&D waste recycling facility	Action plan for setting up C&D recycling facility in the District or tie-up with any other district or ULB for setting up common facilities. Plan should ensure viable operation of C&D plant including assured market for C&D products.	NDS Pvt. Ltd. Engaged by Bhopal Municipal Corporation	100 TPD plant established in BMC limits
4	Usage of recycled C&D waste in non- structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	Is there any policy on usage or promotion on usage of C&D waste?	Local authority may make give appropriate incentives on usage of C & D waste. A % of usage in public works may be specified / any other scheme.	Bhopal Municipal Corporation	Policy available to use 50% of product manufactured by C&D waste Plant.
5	ICE on C & D waste management	Is there any sustained system of creating awareness created among local communities.	Action plan for awareness and education	Bhopal Municipal Corporation	NGO engaged for awareness

<b>(iv) Biomedical Waste Management</b>					
<b>a. Current Status related to biomedical waste</b>					
<b>Inventory of BMW in the District</b>			<b>Quantity</b>		
Total no. of Bedded Healthcare Facilities			60		
Total no. of non-bedded HCF			69		
No. of HCFs authorised by SPCBs/PCCs			105		
No of Common Biomedical Waste Treatment and Disposal			01 EPC sehore		
Capacity of CBWTFs			EPC Sehore- Incinerator- 100 kg/hr, Autoclave- 40-80 kg/Hr, Shredder- 35 kg/Hr		
No. of Deep burials for BMW if any					
Quantity of biomedical waste generated per day			80.983 kg/day		
Quantity of biomedical waste treated per day			80.983 kg/day		
<b>b. Identification of gaps and Action plan:</b>					
S. No.	Action points	Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1	Inventory and Identification of Healthcare Facilities	All The HCFs including, clinics, hospitals, veterinary hospitals, Aayush hospitals, animal houses, etc generating biomedical waste area identified and authorised by MPPCB Bhopal. There is no Gap	Not Required	MPPCB	100 % complied
2	Adequacy of facilities to treat biomedical waste	There is 01 No. of CBWTF exist in Sehore district :- 1. Environment Protection Corporation, Sehore No Gap	Not Required	MPPCB	Sufficient
3	Tracking of BMW	Tracking system of BMW is implemented by GPS, By Mobile App, through bar Coding.	Not Required	MPPCB	Complied
4	Awareness and education of healthcare staff	Training programe is being organised by Health Department & MPPCB, Bhopal between Urban Local Bodies and other stakeholder by craeting awareness regarding BMW Managment Rules, 2016. No Gap	Not Required	MPPCB	Complied
5	Adequacy of funds	Adequate funds is allocated to Government health care facilities for bio-medical waste management by State Govt.	Not Required	Health Deptt	Partially funded, Fund will be allocated based on availability
6	Compliance to Rules by HCFs and CBWTFs	District Level monitoring is being done by MPPCB/Health Department	Not Required	MPPCB	Complied
7	District Level Monitoring Committee	District Level Monitoring Committee has been constitute and meetings are being organised by MPPCB Bhopal & District Administration & Health Department	Not Required	Monitoring by MPPCB & District Administration & CMHO	Complied

8	Wastewater Treatment	HCFs have installed wastewater treatment facility.NO Gap	Regular Monitoring for operation of ETP.	MPPCB	Complied
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<b>(v) Hazardous Waste Management</b>					
<b>a. Current Status related to Hazardous Waste Management</b>					
<b>Details of Data Requirement</b>			<b>Present Status</b>		
No of Industries generating HW			31 Nos.		
Quantity of HW in the district			8507.891 MT/Annum		
(i) Quantity of Incinerable HW			1.25 MT/Annum		
(ii) Quantity of land-fillable HW			8242.209 MT/Annum		
(iii) Quantity of Recyclable / utilizable HW			Recyclable- 53.944 MT/Annum Utilizable- 210.488 MT/Annum		
No of captive/common TSDF			NONE		
Contaminated Sites or probable contaminated sites			None		
<b>b. Identification of gaps and action plan:</b>					
<b>S. No.</b>	<b>Action points</b>	<b>Identification of Gaps</b>	<b>Action Plan</b>	<b>Responsible agency</b>	<b>Timeline for completion of action plan</b>
1	Regulation of industries and facilities generating Hazardous Waste	There is 31 Nos. Hazardous waste generating industries.	All hazardous waste industries are authorised and have system of safe disposal is in place.	MPPCB	Complied
2	Establishment of collection centres	Collection centers established for HW by registered Recycler / Utilizer / Co-Processor / Pre-Processor /TSDF. No Gap	Not Required	All ULBs	Complying
3	Training of workers involved in handling / recycling / disposal of HW	Facilities engaged in recycling / utilization of hazardous waste are being informed about safely handling of HW. No Gap	No Gap	MPPCB	Complied
4	Availability / Linkage with common TSDF or disposal facility	HW is being collected by CTSDF, Pithampur	No Gap	MPPCB	Complied
5	Contaminated Sites	NA	NA	NA	NA

<b>(vi) E-Waste Management</b>					
<b>a. Current Status related to E-Waste Management</b>					
<b>Details of Data Requirement</b>			<b>Present Status</b>		
Inventory of E-Waste in MT/year			18.879 MT/Year		
Collection centers established by ULBs in the District			-		
Collection centers established by Producers or their PROs			[Nos]		
No authorized E-Waste recyclers / Dismantler			Nil		
<b>b. Identification of gaps and action plan:</b>					
<b>S. No.</b>	<b>Action points</b>	<b>Identification of Gaps</b>	<b>Action Plan</b>	<b>Responsible agency</b>	<b>Timeline for completion of action plan</b>
1	Inventory / Generation of E-Waste / Bulk-waste generators	Inventory has been completed	No Gap	SPCB/ PCC	Complied
2	E-Waste collection points	There are 01 nos. of Collection centre established by local Body There is not anyone PRO. No Gap	Collection centre established by recycler already registered in MPPCB Bhopal. And also refurbisher also being registered by MPPCB	MPPCB/District administration	Complied
3	Linkage among Stakeholders to channelize E-Waste	All Stakeholder submit E- waste annaul return every year. No Gap	All Stakeholder submit E- waste annaul return every year.	MPPCB/District administration	Complied
4	Regulation of Illegal E-Waste recycling / dismantling	MPPCB alreay in touch with district administration. Direction issued to nagar nigam/nagar palika for proper handling of E-waste in their jurisdiction	MPPCB alreay in touch with district administration. Direction issued to nagar nigam/nagar palika for proper handling of E-waste in their jurisdiction	MPPCB/District administration	Complied
5	Integration of informal sector	Random inspection has been done by MPPCB Bhopal to check the illegal recycling / Dismantling in the district.	By conducting awareness programe common public is being educate about the E -waste management Rules	MPPCB/District administration	Complied
6	Awareness and Education	Yes	Awareness programme is also conduted by PRO/ Recycler	MPPCB/District administration	Complied

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.			Nil	
Number of manual monitoring States operated by SPCBs			Nil	
Name of towns / cities which are failing to comply with national ambient air			NONE	
No of air pollution industries			261 Nos.	
Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln] / [Industrial Estate] / [Others] (Multiple selection)			Large/Medium/Small Scale Industry,Mines, Crushers,Unpaved Roads, vehicle emission and road dust.	
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?	The prominent Air pollution sources are : Vehicular emmission, Road dust, Littering of wastes, Burning of Waste stubble, MSW etc.,Industrial air pollution, Fuel adulteration. Gap- Nil	MPPCB	Complied
2	Ambient Air quality data	Continous Monitoring is done by MPPCB. Gap-Nil	MPPCB	Complied
3	Setting up of Continuous Ambient Air Quality Monitoring Station	there is no CAAQMS. 100% Gap	MPPCB	1 Year
4	District Level Action Plan for Air Pollution	The ambient air quality data of Sehore city is well within standard hence no action plan required. No Gap	District Administration /MPPCB	Complied
5	Hotspots of air pollution in District	In Sehore city has identified the Hotspots Namely : - Market Near Sehore Nagar Palika, Ganesh Mandir, Bus stand, Sarafa Market, Gandhi Market, Main Road, Sabji Mandi	District Administration / MPPCB	Complied
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	Complied



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.		10 (Narmada, Betwa, Parwati, Dudhi, Newaj, Kolar, Papnas, Kulans, Seewan, Lotia, )		
Length of Coastline (if any)		NONE		
Nalas/ Drains/Creeks meeting Rivers		13 Nos. Nallah Meeting River Lakes and Ponds		
Lakes / Ponds		[70][6025 Hectare]		
Total Quantity of sewage from towns and cities in District		27.78 MLD		
Quantity of industrial wastewater		21.959 MLD		
Percentage of untreated sewage		57%		
Details of bore wells and number of permissions given for extraction		9017 Nos.		
Groundwater polluted areas if any				
Polluted river stretches if any				
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 Sehore MPPCB/PHE monitoring cell maintain data of all major water bodies including its water quality. No Gap	MPPCB	Complied
2	Quality of water bodies in the district	Regular monitoring of water bodies is done by MPPCB on monthly basis. No Gap	MPPCB	Complied
3	Hotspots of water contamination	No HotSpot of water Contamination	MPPCB	Complied
4	Protection of river / lake water front	Regular monitoring of river/lake is done by MPPCB on monthly basis. No Gap	District Administration/ULB	Complied
5	Inventory of sources of water pollution	All sewage and waste water discharge points into water bodies in the district are identified. No Gap	MPPCB	Complied
6	Oil spill disaster management (for coastal districts)	District Khandwa is not coastal district, hence not applicable.	NA	NA
7	Protection of flood plains	Regular work done.Gap-Ongonig Process	Dist. Administration/WRD	Complied
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-Ongonig Process	ULBs	Complied
9	Complaints redressal system	Yes EnvAlert App prepared by MPPCB for addressing complaint. Gap-Nil	MPPCB	Complied

## 4.0 W4.1 Water Qua4.1 Water Quali4.1 Water Quality Monitoringty Monitoringlity Monitoringater Quality Monitoring

## 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	-		
No of Class-I towns and above	1		
No of Towns STPs installed	01 Nos. STP Installed		
No of Towns needing STPs	-		
No of ULBs having partial underground sewerage network	5		
No of towns not having sewerage network	4		
Total Quantity of Sewage generated in District from Class II cities and above	27.78 MLD		
Quantity of treated sewage flowing into Rivers (directly or indirectly)	NONE		
Quantity of untreated or partially treated sewage (directly or indirectly)			
Quantity of sewage flowing into lakes	NA		
Total available Treatment Capacity	12 MLD		

## 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)	1. At present Sehore Nagar Palika has installed 01 STP of Capacity 12 MLD at which covers 75% sewage generating within the district. 2. There is gap of 15 MLD which will be covered by the Amrit Project Phase -II	ULB'S	Amrit 2.00, 05 years for Phase -II
2	Underground sewerage network	At present 75% of the district covers by the sewage network. Remaining will be covered by the Amrit Project Phase -II. Gap - 25%	ULB'S	Amrit 2.00, 05 years for Phase -II

ANNEXURE-8				
<b>5.0 Industrial wastewater management</b>				
<b>a. Current Status related to Industrial Wastewater Management</b>				
<b>Details of Data Requirement</b>		<b>Present Status</b>		
	Number of Red, Orange, Green and White industries in the District	Red-294, Orange-17, Green-54		
	No of Industries discharging wastewater	54		
	Total Quantity of industrial wastewater generated	21.959 MLD		
	Quantity of treated industrial wastewater discharged into Nalas / Rivers	NIL		
	Common Effluent Treatment Facilities	None		
	No of Industries meeting Standards	54		
	No of Industries not meeting discharge Standards	NONE		
<b>b. Identification of gaps and action plan for industrial wastewater:</b>				
S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1	Compliance to discharge norms by Industries	All the waste water discharging industries meeting with the standard. Gap-Nil	MPPCB	Complied
2	Complaint redressal system	Yes, EnvAlert App prepared by MPPCB for addressing complaint.Gap-Nil	MPPCB	Complied

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, Murram Mines, Sand Mines			
No of licenced Mining operations in the District	182			
% Area covered under mining in the District	9.538 Square Km			
Area of Sand Mining	477.809 Hectare			
Area of sand Mining	River bed			
<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	Dist. Mining Dept. permitted mines for operation with compliance of environmental norms as mentioned in Environmental Clearance. Gap-Nil	District Mining Department / MPPCB	Complied
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 Bhopal. The members of the committee are SP, MPPCB, Mining Officer. Mining Officer is the convenor of the committee. Gap-Nil,	District Mining Department	Complied
3	Environment compliance by Mining industry	Periodic inspection are done to check the complaine of environmental conditions regulary by MPPCB. Gap- Nil	MPPCB	Complied

ANNEXURE-10				
<b>7.0 Noise Pollution Management plan</b>				
<b>a.Current Status related to Noise Pollution Management</b>				
<b>Details of Data Requirement</b>				
			<b>Present Status</b>	
No. of noise measuring devices			MPPCB-02,	
<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	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 Administration/Traffic Police /MPPCB	Complied
2	Ambient Noise Level monitoring.	Noise Level Monitoring with the Manual Meters is done to check the ambient Noise Levels of the city. Gap-Nil	District Administration/ MPPCB	Complied
3	Signboards in Noise zones	Silent Zones are notified by District Administration with the sign boards in the city. No- Gap	District Administration/Traffic Police	Complied
4	Complaint redressing system	Yes EnvAlert App prepared by MPPCB for addressing complaint.Gap- Nil	District Administration/MPPCB	Complied