

कार्यालय कलेक्टर, जिला-खण्डवा

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खण्डवा, दिनांक 27-09-2021

प्रति,

प्रमुख सचिव,
म.प्र. शासन, पर्यावरण विभाग,
भोपाल (म.प्र.)

विषय:- माननीय राष्ट्रीय हरित अधिकरण प्रिंसिपल बैंच नई दिल्ली द्वारा प्रकरण कं. 360/2018 में दिये गये आदेशानुसार डिस्ट्रिक्ट इन्वायरमेंटल प्लान संबंधी।

संदर्भ:- आपका पत्र कं. 808/435/2021/32-3 दिनांक 21.09.2021

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

संलग्न :-उपरोक्तानुसार।



(अनय द्विवेदी)
कलेक्टर,

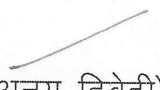
जिला- खण्डवा

क0...../स्टेनो/21

खण्डवा, दिनांक

प्रतिलिपि :-

1. क्षेत्रीय अधिकारी, म.प्र. प्रदूषण नियंत्रण बोर्ड, इन्दौर की ओर सूचनार्थ।
2. एन.आई.सी., खण्डवा की ओर सूचनार्थ कृपया District Enviromental Plan जिले की वेबसाईट पर अपलोड करें।


(अनय द्विवेदी)
कलेक्टर,
जिला- खण्डवा

District Environmental Plan

Khandwa- District

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



Khandwa

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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. The orders passed by Hon'ble NGT are as follows:

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

It is pertinent to mention here that as per order issued by Hon'ble NGT, Collector Khandwa constituted District Committee comprising of following members to evolve and execute District Environmental Plan vide letter no. 18844 dated 29.11.2019.

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

1	District Collector, Khandwa	Chairman
2	Commissioner Nagar Nigam, Khandwa	Nodal Officer (Urban)
3	Chief Executive Officer, Jila Panchayat, Khandwa	Nodal Officer (Rural)
4	Divisional Forest Officer, Khandwa	Member
5	Deputy Superintendent of Police (Traffic), Khandwa	Member
6	District Mining Officer, Khandwa	Member
7	Deputy Director Agriculture welfare Dept., Khandwa	Member
8	Executive Engineer, WRD, Khandwa	Member
9	CMHO, Khandwa	Member
10	Executive Engineer, PHED, Khandwa	Member
11	RTO, Khandwa	Member
12	Deputy Director, Veterinary Dept. Khandwa	Member
13	District Incharge Officer (Khandwa) M.P. Pollution Control Board, Indore	Member
14	GM District Industries Center, Khandwa	Member
15	PO, DUDA, Khandwa	Member

1.0 District Profile:

Khandwa District:

The Khandwa district, formerly known as the East Nimar district, is a district of the Madhya Pradesh state in central India. The city of Khandwa is the administrative headquarters of the district. Other notable towns in the district include Mundi, Harsud, Pandhana and Omkareshwar.

The district has an area of 8307 km², and a population 1,310,061 (2011 census). Khandwa District lies in the Nimar region, which includes the lower valley of the Narmada River, Kherkhali River, Choti Tawa River, Shiva River. The Narmada forms part of the northern boundary of the district, and the Satpura Range form the southern boundary of the district. Khandwa District, to the south, lies in the basin of the Tapti River. The pass through the Satpuras connecting Khandwa and Khandwa is one of the main routes connecting northern and southern India, and the fortress of Asirgarh, which commands the pass, is known as the "Key to the Deccan". Betul and Harda districts lie to the east, Dewas District to the north, and Khargone District to the west.

About Khandwa City:

Khandwa is a city and a Nagar Nigam in the Nimar region of Madhya Pradesh, India. It is the administrative headquarters of Khandwa district, formerly known as East Nimar District.

Khandwa is a major railway junction; the Malwa line connecting Indore with the Deccan meets the main east-west line from Mumbai to Kolkata.

Recent explorations in the beds/tributaries of Narmada have revealed traces of the Paleolithic men in East Nimar district. Omkar Mandhata, a rocky island on the bank of Narmada River, about 47 miles north-west of Khandwa, is said to have been conquered by the Haihaya king Mahishmant, who had named the same as Mahishmati.

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

The Khandwa city is district headquarter of the district Barwani. There are 05 tehsils namely Khandwa,, Punasa, Pandhana, Harsood, Khalwa in district Khandwa. The district has 04 blocks namely Khandwa (Population- 558,035), Punasa (Population- 236,806), Pandhana (Population- 165,509) & Harsud (Population- 127,199). 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	8307 Sq Km	Total Population	13,10,061
Revenue Subdivisions	04	Urban Population	2,59,436
Revenue Tehsils	05	Rural Population	10,50,625
Gram Panchayats	422	Male Female Ratio	943
No. of Nagar Palika/ Nagar Parishad	04	Literacy Rate	66.4%
No. of Municipal Corporation	1		
Govt. Land	128143.6470 Hect	No. Of Revenue Villages	710
Industries Land	172.41 Hect	No. Of Development Villages	764
Agriculture land -	363865.3535 Hect	No. Of House Hold	266,655
Coordinates	21.8314° N, 76.3498° E		

b. Local Institutions:-

As stated here in above, there are 05 tehsils in district Khandwa. The Tehsildars 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 422 Gram Panchayats in District Khandwa. The offices are headed by respective Sarpanch & Panchayat Sachiv.

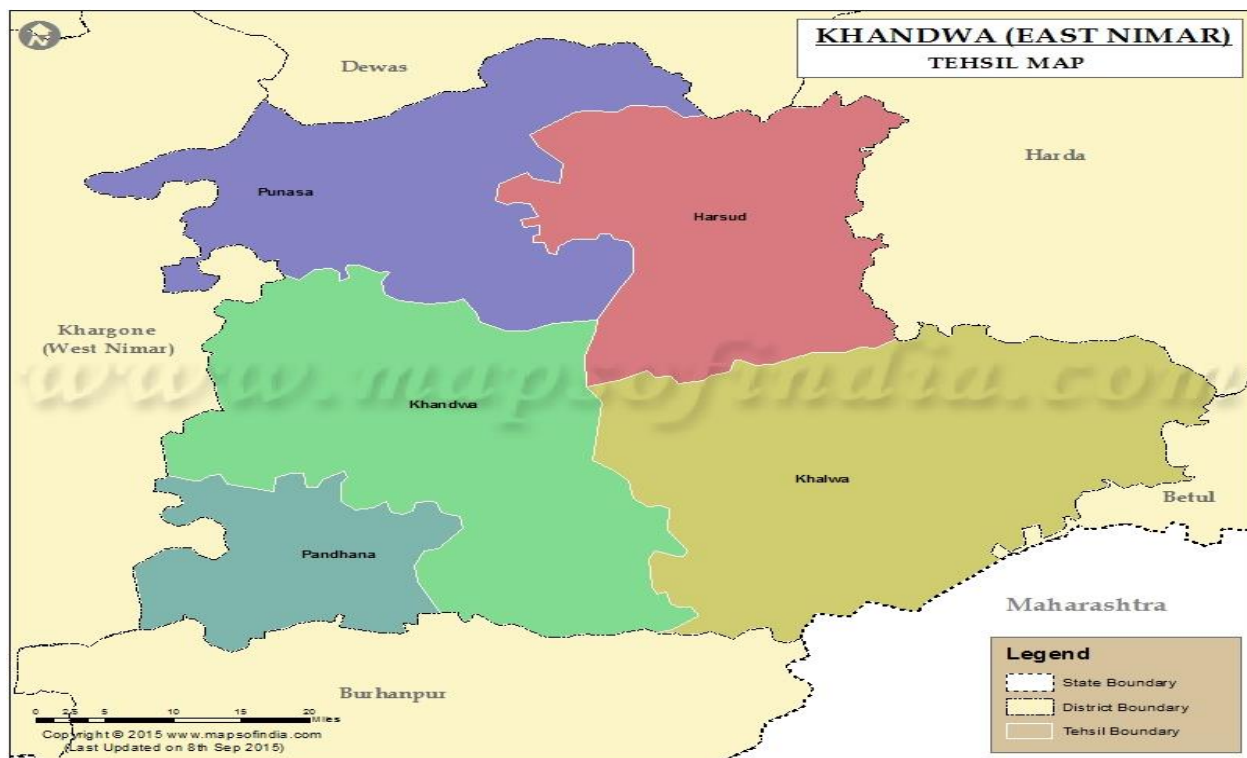
c. Natural Resources:

- **Water bodies**

Entire Khandwa district falls under the Narmada basin Narmada and its tributaries form the main source of surface water in the area. Narmada flows along the northern boundary of the district main rivers which drains the area of the district which drains the area of the district are Chhota Tawa, Sukta & Bhim Nadi. Ground water quality in Khandwa district is accessed annually by CGWB on the basis of water samples collected from hydrograph stations in the district. Groundwater in the district is generally medium to high saline as electric conductivity values varies between 539 to 2243 $\mu\text{S}/\text{cm}$ at 25° C. Fluoride in the district ranges from 0.02 to 0.77 mg/l and the nitrate concentration ranges from 29 to 258 mg/l.

- **Availability of water resources –**

There are total 14 Rivers flowing to a length of 637.41 Kms, 51 Lakes and ponds spread over 22326 Hectare and 7585 estimated no. of Borewells are available as a source of water. The major source of water supply in the district is Narmada river through water distribution network and canals.



- **Forest coverage**

According to the India state of forest report 2019, the geographical area of Khandwa district is 8307 Square K.M. out of which 147.80 Sq. Km covered by Very Dense Forest, 1,156.80 square Km. is covered by moderately dense forest & 784.52 square Km. is covered by open forest and the green area cover is 28.42%.

d. Geography & Demography

Item	Description
Area	8307 Sq. Km
Total Population	13,10,061
Urban Population	2,59,436
Rural Population	10,50,625
Male Female Ratio	943 (District)

	931 (State)
Literacy Rate	66.4%
Decennial Growth Rate	21.5% per KM
Density of population	400 Per Sq. Km.

e. Land-Use Pattern

Parameters	Description
Geographical Area	8307 Sq. Km
Area Under Forest	2089.12 Sq. Km
Net Area Sown Cropped Area	300.60 Ha
Area Irrigate	122.80 Ha
% of Net area irrigated to total area sown	40.85%

Demography

Demographic Label	Value
Area	6206 Sq. Km
No. of Revenue Subdivisions	4
No. of Tehsils	5
No. of Nagar Panchayats	4
No. of Municipal Corporations	1
No. of Villages	710 Revenue + 54 Forest Villages

f. Climate

The climate of Khandwa district, MP is characterized by hot summer and general dryness except during the south west monsoon season. The year may be divided into four seasons. The cold season, December to February is followed by the hot season from March to about the middle of June. The period from the middle of June to September is the south west monsoon season. October and November form the post monsoon or transition period.

The normal annual rainfall of Khandwa District is 777.60 mm. The district receives maximum rainfall during south – west monsoon period i.e. June to September. About 90.5% of the annual rainfall is received during monsoon season. Only 9.5% of the annual rainfall takes place between October to May period. Thus surplus water for ground water recharge is available only during the south – west monsoon period.

The normal maximum temperature recorded during the month of May is 41.80 °C and minimum during the month of January 11.20 °C. The normal annual mean maximum and minimum temperature of Khandwa district is 34.0 °C & 19.50 °C respectively.

During the south- west monsoon season the relative humidity generally exceeds 86% (July / August month). The rest of the year is drier. The driest part of the year is the summer season, when relative humidity is less than 33%. April is the driest month of the year.

The wind velocity is higher during the pre-monsoon period as compared to post monsoon period. The maximum wind velocity is 15.6 km / hr. observed during the month of June and minimum 4.0 km/hr during the month of November. The average normal annual wind velocity of Khandwa district is 8.7 km / hr.

The District Environmental Plan covers the following environmental issues:

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
- b. Identification of gaps and Action plan

(ii) Plastic waste Management

- a. Current status related to Plastic Waste management
- b. Identification of gaps and Action plan

(iii) C & D Waste Management

- a. Current status related to C & D Waste management
- b. Identification of gaps and Action plan

(iv) Biomedical Waste Management

- a. Current status related to Biomedical Waste
- b. Identification of gaps and Action plan

(v) Hazardous Waste Management

- a. Current status related to Hazardous Waste Management
- b. Identification of gaps and Action plan

(vi) E-Waste Management

- a. Current status related to E-Waste Waste Management
- b. Identification of gaps and Action plan

3.0 Air Quality Management

- a. Current Status related to Air Quality Management
- b. Identification of gaps and action plan

4.0 Water Quality Management

4.1 Water Quality Monitoring

- a. Current Status related to Water Quality Management
- b. Identification of gaps and action plan for water quality monitoring

4.2 Domestic Sewage

- a. Current Status related to Domestic Sewage
- b. Identification of gaps and action plan for treatment of domestic sewage

5.0 Industrial Waste Water Management

- a. Current Status related to Industrial Waste water Management
- b. Identification of gaps and action plan for industrial waste water

6.0 Mining Activity Management plan

- a. Current Status related to Mining Activity Management
- b. Identification of gaps and action plan

7.0 Noise Pollution Management plan

- a. Current Status related to Noise Pollution Management
- b. Identification of gaps and action plan

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 no 15 and as per Rule no 16, M.P. Pollution Control Board shall enforce these Rules through local bodies.

With respect to effective implementation of Solid Waste Management Rules, 2016, Hon'ble NGT had laid down several orders out 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. Also, as per 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 Khandwa District:

In Khandwa District, there are 01 Municipal Corporation and 04 Municipalities. The total quantity of Solid Waste Generation is around 50 MT/Day. In Khandwa District, most of the solid waste is generated in Municipal Corporation Khandwa. The quantity of this waste is about 73.8 MT/Day. Khandwa Municipal Corporation (KMC) has taken various required measures for collection, transportation, treatment & disposal of Municipal Solid waste & Construction & Demolition wastes however the work done so far is not found to be adequate so as to comply the

provisions of Solid Waste Management rules 2016. Other 04 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 Nigam, Khandwa	Annexure-1
2	Nagar Parisad, Omkareshwer,	Annexure-2
3	Nagar Parisad Pandhana,	Annexure-3
4	Nagar Parisad, Chanera harsood,	Annexure-4
5	Nagar Parisad, Mundi,	Annexure-5

(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, Department of Environment, Govt. of M.P has imposed complete ban on manufacturing, storage, transportation, sell, purchase and use of all type of polythene carry bags vide order no. F5-2/2015/18-5 dated 24.05.2017. All the local bodies and District Administration have been asked to carryout inspections and impose penalties on violators along with seizers. Also in order to comply the provisions of the rule and to give thrust on

Plastic Waste minimization, source segregation, recycling, involving waste pickers, recyclers and waste processors in collection of plastic waste fraction either from households or any other source of its generation or intermediate material recovery facility and adopt polluters pay principle for the sustainability of the Plastic Waste Management is to be practiced.

All the local bodies are directed to ensure that the recyclable Plastic Waste are sold to the recyclers, low value plastic are utilized for road laying, the non-recyclable Plastic Waste to co-incineration in Cement Plant and the remaining inert to landfill site for disposal. Awareness program to reduce plastic usage are conducted regularly. 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 Khandwa district the generation of C&D waste is mostly found in city Khandwa. So far none of the local body of the area has taken adequate steps for collection, transportation, treatment & disposal of Construction & Demolition wastes. Except, Khandwa city, other local bodies the C & D waste generation is very minimum and they are advised to ensure that the C&D waste are disposed in suitable abandoned quarries without affecting the nearby Environment.

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 Khandwa District 39 Government Hospitals, 08 Veterinary Hospitals and about 90 Private Hospitals/Health Care Facilities are functioning.

All the Private Health Care facilities have made agreement with Common Bio Medical Waste Facility owned by M/s. Medisure Incinerators Village- Bilankheda, Tehsil- Khandwa, Dist.- Khandwa. All the major Govt. Hospitals (01) are also sending their waste to above incinerator. The Govt. Primary Health Center located in remote places of rural areas is disposing of their waste through deep burial. All the Govt. Primary Health Centers and Veterinary Hospitals are persuaded to send their waste to CBWTF. The details of Khandwa district related to action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in Annexure-6.

(v) Hazardous Waste Management

There are 21 industries/units which have obtained authorization from MPPCB in Khandwa District. Industries have obtained authorization for 51.186 MT/Annum. 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, reusable waste is sent to authorize recyclers. The details as required in Model format of CPCB are enclosed as Annexure-7.

(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 & dismantlers authorized by M.P. Pollution Control Board for E-Waste Management in this district. The E-Waste of the area is channelized to authorized recyclers at Indore. The details of E-Waste for Khandwa district with respect to action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in Annexure-8.

3.0 Air Quality Management Plan

The major source of air pollution in Khandwa is vehicular emission, construction activities, industrial emission etc. M P Pollution Control Board is regularly monitoring the Ambient Air Quality at Khandwa. As per proforma provided by CPCB the information about Air Quality Management Plan has been collected for district Khandwa. The details of action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in Annexure-9.

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 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. None of the stretch of the river is found to be polluted in the area. River Narmada water quality is found to be in category-A in various locations being monitored by MPPCB. In present District Environment Plan all the water bodies (Lakes, Tanks, Ponds, Ground Water) in District Khandwa have been considered along with above polluted stretch. The rivers flowing in the district along with their length have been identified. Also the tanks, ponds along with their submerged area have been provided by WRD. The details of Water bodies of Khandwa district and the action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in **Annexure-10.**

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.

There is no sewage treatment plant installed by any of the local bodies. The Khandwa Municipal Corporation has been directed to install sewerage network along with appropriate STP. 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-11.**

5.0 Industrial Waste Water Management Plan

Khandwa district is not industrialized. A very few industries are working in industrial area Khandwa. The area is known for cotton producing area and the ginning industries based on cotton crop are mostly working. In Khandwa District 01 thermal power Plant namely M/s. Singaji Thermal Power Station (600 MW X 2, 660 MW X 2) is operational at Gram-Dongaliya. Also 02 Hydro Power Plants are installed at Narmada Nagar & Omkareshwar respectively.

All the Air/Water polluting industries of the area 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-12**.

6.0 Mining Activity Management Plan

Khandwa district does not have major minerals deposits. The stone boulder mines are found to be there in this area. The stone gitti is made from the boulders excavated from these stone mines. The activities of sand mining are not permitted in river Narmada. The details of mining activity, mining licenses issued along with action areas, details of data requirements, measurable outcome etc. are given in **Annexure-13**.

7.0 Noise Pollution Management Plan

In Khandwa district there are one municipal corporation (Khandwa City) and 02 municipalities. The noise pollution problem is observed only in Khandwa Municipal Corporation Area. The major source of Noise pollution in Khandwa is Vehicular Traffic, Railways, Transport and Industries etc. MP Pollution Control Board is randomly monitoring the Ambient Air Quality of Noise at various locations of Khandwa. As per proforma provided by CPCB the information about Noise Pollution

Management Plan has been collected for district Khandwa. The details of action areas, measurable outcome and proposed action required to be taken along with stakeholder are given in **Annexure-14**.

कार्यालय कलेक्टर जिला खण्डवा (म.प्र.)

क्रमांक / क / खनिज. / 2019 /

खण्डवा दिनांक 11.11.2019

18844

“आदेश”

माननीय राष्ट्रीय हरित अधिकरण प्रिंसिपल बैंच नई दिल्ली द्वारा प्रकरण क्रमांक 360/2018 में दिये गये आदेशानुसार डिस्ट्रिक्ट इन्वायरमेंटल प्लान बनाने एवं इसकी जिला स्तरीय मॉनिटरिंग हेतु कलेक्टर जिला खण्डवा की अध्यक्षता में निम्नानुसार जिला स्तरीय कमेटी का गठन किया जाता है :-

1. मुख्य कार्यपालन अधिकारी जिला पंचायत खण्डवा
2. वनमण्डलाधिकारी, सामान्य वनमण्डल खण्डवा
3. अपर कलेक्टर खण्डवा
4. कार्यपालन यंत्री, जल संसाधन विभाग
5. कार्यपालन यंत्री लोक स्वास्थ्य यांत्रिकी विभाग
6. मुख्य चिकित्सा एवं स्वास्थ्य अधिकारी
7. उप संचालक पुश चिकित्सा
8. उप संचालक कृषि
9. आयुक्त नगर निगम
10. उप पुलिस अधीक्षक यातायात
11. जिला परिवहन अधिकारी
12. महाप्रबंधक जिला उद्योग एवं व्यापार केन्द्र
13. परियोजना अधिकारी, जिला शहरी विकास अभिकरण
14. जिला खनिज अधिकारी (नोडल अधिकारी)

संलग्न :- केन्द्रीय प्रदूषण नियंत्रण बोर्ड द्वारा बनाये गये मॉडल डिस्ट्रिक्ट इन्वायरमेंटल प्लान की साफ्ट कॉपी।

(तन्वी सुंदरियाल)
कलेक्टर
जिला खण्डवा (म.प्र.)

क्रमांक/क/खनिज../2019/18845
प्रतिलिपि :-

खण्डवा दिनांक 29/11.2019

1. आयुक्त इंदौर संभाग इंदौर की ओर सूचनार्थ संप्रेषित।
2. क्षेत्रीय अधिकारी, म.प्र. प्रदूषण नियंत्रण बोर्ड, क्षेत्रीय कार्यालय म.प्र. प्रदूषण नियंत्रण बोर्ड योजना क्रमांक 78/सी प्लॉट नं. 2 अरण्य विजय नगर इन्दौर की ओर सूचनार्थ।
3. सर्व संबंधितों की ओर सूचनार्थ एवं पालनार्थ कर निर्देशित किया जाता है कि माननीय मुख्य सचिव म.प्र. शासन की ओर से राज्य स्तरीय पर्यावरण प्लान तैयार किया जाना है। जिला स्तरीय पर्यावरण प्लान दिनांक 30.11.2019 के पूर्व राज्य शासन को प्रस्तुत किया जाना है। उक्त प्लान की साफ्ट कॉपी जिला खनिज अधिकारी खण्डवा द्वारा आपको पूर्व में प्रदाय की जा चुकी है। वांछित जानकारी निर्धारित प्रारूप में तैयार कर आज ही क्षेत्रीय कार्यालय म.प्र. प्रदूषण नियंत्रण बोर्ड योजना क्रमांक 78/सी प्लॉट नं. 2 अरण्य विजय नगर इन्दौर E-mail - romppcb_indore@rediffmail.com को प्रेषित करना सुनिश्चित करें।

कलेक्टर
जिला खण्डवा (म.प्र.)

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					
S. No	Urban Local bodies	No of Wards	No of Households	Population	Solid Waste Generated per day (TPD)
1	Municipal Corporation Khandwa	50	34010	200738	49.2
2	Nagar Parishad Omkareshwar	15	1470	11090	3.2
3	Nagar Parishad Pandhana	15	2500	13694	3.755
4	Nagar Parishad Harsud	15	3500	22052	4.26
5	Nagar Parishad Mundi	15	3068	12889	4

S.No.	Local Bodies	No of Village panchayats / Blocks	No of Households	Population	Solid Waste Generated per day (TPD)
1	Block /Taluk / Mandal Tehsils	04 Block/ 5 Tehsils	50,473	2,59,436	116.74
2	Village/Gram Panchayats	717 Villages/ 422 Gram Panchayat	2,16,182	10,50,625	210

(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 (TPD)
1	Municipal Corporation Khandwa	4.92
2	Nagar Parishad Omkareshwar	0.088
3	Nagar Parishad Pandhana	0.075
4	Nagar Parishad Harsud	0.085
5	Nagar Parishad Mundi	0.08

S.No.	Local Bodies	Plastic Waste Generated per day (TPD)
1	Block /Taluk / Mandal Tehsils	1.97
2	Village/Gram Panchayats	7.98

(iii) C & D Waste Management		
a. Current status related to C & D Waste		
S.No.	ULB Name	Generation per Day in TPD
1	Municipal Corporation Khandwa	0.48
2	Nagar Parishad Omkareshwar	0.05
3	Nagar Parishad Pandhana	0.05
4	Nagar Parishad Harsud	0.5
5	Nagar Parishad Mundi	0.7

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

(i) Solid Waste Management

NAGAR PALIKA NIGAM KHANDWA

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
1	Segregation				
(i)	Segregation of waste at source	Partially segregation source practiced by households and other generator. Gap-50%	To achieve 100% source segregation strong IEC required. NN Khandwa will achieve by Dec-2022	Nagar Palika Nigam Khandwa	Dec-22
2	Sweeping				
(i)	Manual Sweeping	Gap- Nil	100% Manual Sweeping is done by the cleanliness workers of Nagar Palika Nigam Khandwa.	Nagar Palika Nigam Khandwa	Completed
(ii)	Mechanical Road Sweeping & Collection	Not Required, Gap-Nil	Not required	Nagar Palika Nigam Khandwa	NA
3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved-No Gap	100% Waste collection is done by Nagar Palika Nigam Khandwa.	Nagar Palika Nigam Khandwa	Completed
(ii)	Arrangement for door to door collection	100% Door to Door Collection is done and covered all 50 Wards. No Gap.	100% door to door Waste collection is done by Nagar Palika Nigam Khandwa in all the 50 Wards.	Nagar Palika Nigam Khandwa	Completed
(iii)	Waste Collection trolleys with separate compartments	Required-30, Gap- 75%	40 Waste Collection Trolleys are required for waste collection and 10 nos of Waste Collection trolleys are available.	Nagar Palika Nigam Khandwa	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Required-20, Gap- 66%	30 mini collection trucks are required for waste collection and 10 nos of mini collection trucks are available.	Nagar Palika Nigam Khandwa	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.	Nagar Palika Nigam Khandwa	Dec-22
4	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	Not Adequate, Gap-72%	Existing fleet is not adequate. Purchasing of 30 waste collection trolleys and 20 mini collection trucks is proposed.	Nagar Palika Nigam Khandwa	Dec-22
(ii)	Bulk Waste Trucks	01 Bulk Waste Trucks required, Gap- 33%	3 Bulk Waste collection trucks are required and 2 bulk waste collection trucks are available.	Nagar Palika Nigam Khandwa	Dec-22
(iii)	Waste Transfer points	Waste Transfer points Required 3, Gap-100%	3 waste transfer points are required and none is available.	Nagar Palika Nigam Khandwa	Dec-22
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Bulk waste generator identification to be required. Gap-100%	Inventory of bulk waste generator is proposed.	Nagar Palika Nigam Khandwa	Dec-22

(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	Required-7, Gap-88%	08 nos of compost pits are required and 01 nos is available.	Nagar Palika Nigam Khandwa	Dec-22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No facility available. Gap-100%	Dry waste MRF facility of adequate facility proposed.	Nagar Palika Nigam Khandwa	Dec-22
(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No sanitary landfill available. Gap-100%	Construction of sanitary landfill is proposed.	Nagar Palika Nigam Khandwa	Mar-23
(v)	Remediation of historic / legacy dumpsite	Bio remediation of legacy waste is not done. Gap-100%	Bio remediation of legacy waste is not done. There are 01 old dump site having 2,00,00 MT of waste.	Nagar Palika Nigam Khandwa	Dec-21
(vi)	Involvement of NGOs	Gap-100%	Involvement of NGO'S is Initiated	Nagar Palika Nigam Khandwa	Dec-23
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Presently no linkage. Gap-100%	Linkage with Producers/Brand Owners to be done.	Nagar Palika Nigam Khandwa	Dec-23
(viii)	Authorisation of Waste Pickers	No	Authorization of waste pickers is initiated.	Nagar Palika Nigam Khandwa	Dec-23
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Palika Nigam Khandwa	Completed

(ii) Plastic waste Management					
(b) Identification of gaps and Action plan:					
S.No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan	Agencies Responsible	Target time for Compliance
1	Door to Door collection of dry waste including PW	100% collection, Not Gap	100% door to door collection being done, however strong IEC plan proposed for 100%	Nagar Palika Nigam Khandwa	Completed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap- 100%	Programmes is being organized for collection of Plastic Waste at MRF.	Nagar Palika Nigam Khandwa	Completed
3	PW collection Centres	Gap- Nil	1 Plastic Waste collection centre is established.	Nagar Palika Nigam Khandwa	Completed
4	Awareness and education programs implementation	Advertisements through Social Media, Newspapers, Radios and through slogans is done. Gap-nil, however it is continuous process.	Advertisements through Social Media, Newspapers, Radios and through slogans is done.	Nagar Palika Nigam Khandwa	Routine work
5	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 provide	Nagar Palika Nigam Khandwa	Mar-22

(iii) C & D Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points for blocks / town municipalities / City corporations	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan

1	Arrangement for separate collection of C&D waste to C&D waste deposition point.	At present No Facility exist. Gap-100%	separate collection of C&D waste, establishment of C&D waste collection & recycling facility is required.	Nagar Palika Nigam Khandwa	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?	No, Gap-100%	To be Notified	Nagar Palika Nigam Khandwa	Dec-22
3	C&D recycling Facility	No C&D waste recycling facility is established. Gap-100%	C&D waste recycling facility to be established.	Nagar Palika Nigam Khandwa	Dec-22
4	Usage of recycled C&D waste in non structural concrete, paving blocks, lower layers of road pavements, colony and rural roads	C&D waste is being used to dump in the low lying areas. Gap-100%	C&D waste process plant to be required.	Nagar Palika Nigam Khandwa	Dec-22
5	ICE on C & D waste management	No, Gap-100%	IEC plan proposed to creat awarens on C & D waste management	Nagar Palika Nigam Khandwa	Dec-22

Annexure-02

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

(i) Solid Waste Management

b. Identification of gaps and Action plan:

NAGAR PARISHAD OMKARESHWAR

S. 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 households and other generator. Gap-50%	To achieve 100% source segregation strong IEC required. NP Omkareshwar will achieve by Dec-2022	Nagar Parishad Omkareshwar	Dec-22
2	Sweeping				
(i)	Manual Sweeping	Gap-Nil	100% Manual Sweeping is done by the cleanliness workers of Nagar Parishad Omkareshwar.	Nagar Parishad Omkareshwar	Completed
(ii)	Mechanical Road Sweeping & Collection	Not Required Gap-Nil	Not Required.	Nagar Parishad Omkareshwar	NA
3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved-No Gap	100% Waste collection is done by Nagar Parishad Omkareshwar.	Nagar Parishad Omkareshwar	Completed
(ii)	Arrangement for door to door collection	100% Door to Door Collection is done and covered all 15 Wards. No Gap.	100% door to door Waste collection is done by Nagar Parishad Omkareshwar in all the 15 Wards.	Nagar Parishad Omkareshwar	Completed
(iii)	Waste Collection trolleys with separate compartments	Required-10, Gap- 17%	60 Waste Collection Trolleys are required for waste collection and 50 nos of Waste Collection trolleys are available.	Nagar Parishad Omkareshwar	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Required-04, Gap- 50%	08 mini collection trucks are required for waste collection and 04 nos of mini collection trucks are available.	Nagar Parishad Omkareshwar	Dec-22
(v)	Waste Deposition centres (for domestic hazardous wastes)	Gap-100%	Waste deposition center is not required. However the arrangement of seprate bin is proposed.	Nagar Parishad Omkareshwar	Dec-22
4	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	Not Adequate, Gap-21%	Existing fleet is not adequate. Purchasing of 10 waste collection trolleys and 04 mini collection trucks is proposed.	Nagar Parishad Omkareshwar	Dec-22
(ii)	Bulk Waste Trucks	Not required. Gap-Nil	Bulk waste truck not required.	Nagar Parishad Omkareshwar	NA
(iii)	Waste Transfer points	Not required. Gap-Nil	Waste Transfer points not required.	Nagar Parishad Omkareshwar	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	NA	NA	Nagar Parishad Omkareshwar	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wets waste.	01 no. of compost pit required. Gap-50%	01 nos of compost pits are required and 01 nos is available.	Nagar Parishad Omkareshwar	Dec-22
(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No MRF Available, Gap-100%	Dry waste MRF facility of adequate capacity proposed.	Nagar Parishad Omkareshwar	Dec-22

(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No sanitary landfill available. Gap-100%	Construction of sanitary landfill is proposed.	Nagar Parishad Omkareshwar	Mar-23
(v)	Remediation of historic / legacy dumpsite	Bio remediation of legacy waste is not done. Gap-100%	Bio remediation of legacy waste is not done. There are 01 old dump site of waste.	Nagar Parishad Omkareshwar	Dec-21
(vi)	Involvement of NGOs	Its small town, NGO not applicable.	NA	Nagar Parishad Omkareshwar	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Its small town, EPR not applicable.	NA	Nagar Parishad Omkareshwar	NA
(viii)	Authorisation of Waste Pickers	Local body is collecting the waste door to door and	NA	Nagar Parishad Omkareshwar	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Parishad Omkareshwar	Completed

(ii) Plastic waste Management

(b) Identification of gaps and Action plan:					
S.No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan	Agencies Responsible	Target time for Compliance
1	Door to Door collection of dry waste including PW	100% collection, Not Gap	100% door to door collection being done, however strong IEC plan proposed for 100% segregation.	Nagar Parishad Omkareshwar	Completed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap-100%	Programmes is being organized for collection of Plastic Waste at MRF.	Nagar Parishad Omkareshwar	Mar-23
3	PW collection Centres	It's a small town, hence separate PW collection not required.	NA	Nagar Parishad Omkareshwar	NA
4	Awareness and education programs implementation	Advertisements through Social Media, Newspapers, Radios and through slogans is done. Gap-nil, however it is continuous process.	Advertisements through Social Media, Newspapers, Radios and through slogans shall be done.	Nagar Parishad Omkareshwar	Routine work
5	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 provide	Nagar Parishad Omkareshwar	Mar-22

(iii) C & D Waste Management

b. Identification of gaps and Action plan:					
S. No.	Action points for blocks / town municipalities / City corporations	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1	Arrangement for separate collection of C&D waste to C&D waste deposition point.	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	NA	Nagar Parishad Omkareshwar	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	Nagar Parishad Omkareshwar	NA
3	C&D recycling Facility	Not required, Gap-Nil	NA	Nagar Parishad Omkareshwar	NA

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

Annexure-03

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

(i) Solid Waste Management

b. Identification of gaps and Action plan:

NAGAR PARISHAD PANDHANA

S. 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 households and other generator. Gap-50%	To achieve 100% source segregation strong IEC required. NP Pandhana will achieve by Dec-2022	Nagar Parishad Pandhana	Dec-22
2	Sweeping				
(i)	Manual Sweeping	Gap-Nil	100% Manual Sweeping is done by the cleanliness workers of Nagar Parishad Pandhana.	Nagar Parishad Pandhana	Completed
(ii)	Mechanical Road Sweeping & Collection	Not Required Gap-Nil	Not Required.	Nagar Parishad Pandhana	NA
3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved-No Gap	100% Waste collection is done by Nagar Parishad Pandhana.	Nagar Parishad Pandhana	Completed
(ii)	Arrangement for door to door collection	100% Door to Door Collection is done and covered all 15 Wards. No Gap.	100% door to door Waste collection is done by Nagar Parishad Pandhana in all the 15 Wards.	Nagar Parishad Pandhana	Completed
(iii)	Waste Collection trolleys with separate compartments	Required-04, Gap-40%	10 Waste Collection Trolleys are required for waste collection and 06 nos of Waste Collection trolleys are available.	Nagar Parishad Pandhana	Dec-22
(iv)	Mini Collection Trucks with separate compartments	Required-01, Gap-25%	04 mini collection trucks are required for waste collection and 03 nos of mini collection trucks are available.	Nagar Parishad Pandhana	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.	Nagar Parishad Pandhana	Dec-22
4	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	Not Adequate, Gap-36%	Purchasing of 04 waste collection trolleys and 01 mini collection trucks is required.	Nagar Parishad Pandhana	Dec-22
(ii)	Bulk Waste Trucks	Not required. Gap-Nil	Bulk waste truck not required.	Nagar Parishad Pandhana	NA
(iii)	Waste Transfer points	Not required. Gap-Nil	Waste Transfer points not required.	Nagar Parishad Pandhana	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	NA	NA	Nagar Parishad Pandhana	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wet waste.	Not Available, Gap-100%	Wet Waste Processing Compost making facility of adequate capacity proposed.	Nagar Parishad Pandhana	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.	Nagar Parishad Pandhana	Dec-22
(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No facility available. Gap-100%	Construction of sanitary landfill is proposed.	Nagar Parishad Pandhana	Mar-23
(v)	Remediation of historic / legacy dumpsite	Bio remediation of legacy waste is not done. Gap-100%	Bio remediation of legacy waste is not done. There are 01 old dump site of waste.	Nagar Parishad Pandhana	Dec-21
(vi)	Involvement of NGOs	Its small town, NGO not applicable.	NA	Nagar Parishad Pandhana	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Its small town, EPR not applicable.	NA	Nagar Parishad Pandhana	NA
(viii)	Authorisation of Waste Pickers	Local body is collecting the waste door to door and transporting, hence not applicable.	NA	Nagar Parishad Pandhana	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Parishad Pandhana	Completed

(ii) Plastic waste Management					
(b) Identification of gaps and Action plan:					
S.No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan	Agencies Responsible	Target time for Compliance
1	Door to Door collection of dry waste including PW	100% collection, Not Gap	100% door to door collection being done, however strong IEC plan proposed for 100% segregation.	Nagar Parishad Pandhana	Completed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap-100%	Programmes is being organized for collection of Plastic Waste at MRF.	Nagar Parishad Pandhana	Mar-23
3	PW collection Centres	It's a small town, hence separate PW collection not required.	NA	Nagar Parishad Pandhana	NA
4	Awareness and education programs implementation	Advertisements through Social Media, Newspapers, Radios and through slogans is done. Gap-nil, however it is continuous process.	Advertisements through Social Media, Newspapers, Radios and through slogans shall be done.	Nagar Parishad Pandhana	Routine work
5	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 provide	Nagar Parishad Pandhana	Mar-22

(iii) C & D Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points for blocks / town municipalities / City corporations	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1	Arrangement for separate collection of C&D waste to C&D waste deposition point.	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	Nagar Parishad Pandhana	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	Nagar Parishad Pandhana	NA
3	C&D recycling Facility	Not required, Gap-Nil	NA	Nagar Parishad Pandhana	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	Nagar Parishad Pandhana	NA
5	ICE on C & D waste management	Gap-Nil, It is a routine process.	It is routine process.	Nagar Parishad Pandhana	Routine Work

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

(i) Solid Waste Management

b. Identification of gaps and Action plan:

NAGAR PARISHAD HARSOOD

S. 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 households and other generator. Gap-50%	To achieve 100% source segregation strong IEC required. NP Harsood will achieve by Dec-2022	Nagar Parishad Harsood	Dec-22
2	Sweeping				
(i)	Manual Sweeping	Gap-Nil	100% Manual Sweeping is done by the cleanliness workers of Nagar Parishad Harsood.	Nagar Parishad Harsood	Completed
(ii)	Mechanical Road Sweeping & Collection	Not Required Gap-Nil	Not Required.	Nagar Parishad Harsood	NA
3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved-No Gap	100% Waste collection is done by Nagar Parishad Harsood.	Nagar Parishad Harsood	Completed
(ii)	Arrangement for door to door collection	100% Door to Door Collection is done and covered all 15 Wards. No Gap.	100% door to door Waste collection is done by Nagar Parishad Harsood in all the 15 Wards.	Nagar Parishad Harsood	Completed
(iii)	Waste Collection trolleys with separate compartments	06-Required, Gap-75%	08 Waste Collection Trolleys are required for waste collection and 02 nos of Waste Collection trolleys are available.	Nagar Parishad Harsood	Dec-22
(iv)	Mini Collection Trucks with separate compartments	04 Required, Gap-57%	07 mini collection trucks are required for waste collection and 03 nos of mini collection trucks are available.	Nagar Parishad Harsood	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.	Nagar Parishad Harsood	Dec-22
4	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	Not Adequate, Gap-66%	Existing fleet is not adequate. Purchasing of 06 waste collection trolleys and 04 mini collection trucks is proposed.	Nagar Parishad Harsood	Dec-22
(ii)	Bulk Waste Trucks	Not required. Gap-Nil	Bulk waste truck not required.	Nagar Parishad Harsood	NA
(iii)	Waste Transfer points	Not required. Gap-Nil	Waste Transfer points not required.	Nagar Parishad Harsood	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	NA	NA	Nagar Parishad Harsood	NA
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wet waste.	Not Available, Gap-100%	Wet Waste Processing Compost making facility of adequate capacity proposed.	Nagar Parishad Harsood	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.	Nagar Parishad Harsood	Dec-22
(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No facility available. Gap-100%	Construction of sanitary landfill is proposed.	Nagar Parishad Harsood	Mar-23
(v)	Remediation of historic / legacy dumpsite	Bio remediation of legacy waste is not done. Gap-100%	Bio remediation of legacy waste is not done. There are 01 old dump site of waste.	Nagar Parishad Harsood	Dec-21
(vi)	Involvement of NGOs	Its small town, NGO not applicable.	NA	Nagar Parishad Harsood	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Its small town, EPR not applicable.	NA	Nagar Parishad Harsood	NA
(viii)	Authorisation of Waste Pickers	Local body is collecting the waste door to door and transporting, hence not applicable.	NA	Nagar Parishad Harsood	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Parishad Harsood	Completed

(ii) Plastic waste Management					
(b) Identification of gaps and Action plan:					
S.No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan	Agencies Responsible	Target time for Compliance
1	Door to Door collection of dry waste including PW	100% collection, Not Gap	100% door to door collection being done, however strong IEC plan proposed for 100% segregation.	Nagar Parishad Harsood	Completed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap-100%	Programmes is being organized for collection of Plastic Waste at MRF.	Nagar Parishad Harsood	Mar-23
3	PW collection Centres	It's a small town, hence separate PW collection not required.	NA	Nagar Parishad Harsood	NA
4	Awareness and education programs implementation	Advertisements through Social Media, Newspapers, Radios and through slogans is done. Gap-nil, however it is continuous process.	Advertisements through Social Media, Newspapers, Radios and through slogans shall be done.	Nagar Parishad Harsood	Routine work
5	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 provide	Nagar Parishad Harsood	Mar-22

(iii) C & D Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points for blocks / town municipalities / City corporations	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1	Arrangement for separate collection of C&D waste to C&D waste deposition point.	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	Nagar Parishad Harsud	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	Nagar Parishad Harsud	NA
3	C&D recycling Facility	Not required, Gap-Nil	NA	Nagar Parishad Harsud	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	Nagar Parishad Harsud	NA
5	ICE on C & D waste management	Gap-Nil, It is a routine process.	It is routine process.	Nagar Parishad Harsud	Routine Work

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

(i) Solid Waste Management

b. Identification of gaps and Action plan:

NAGAR PARISHAD MUNDI

S. 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 households and other generator. Gap-50%	To achieve 100% source segregation strong IEC required. NP Mundi will achieve by Dec-2022	Nagar Parishad Mundi	Dec-22
2	Sweeping				
(i)	Manual Sweeping	Gap-Nil	100% Manual Sweeping is done by the cleanliness workers of Nagar Parishad Harsood.	Nagar Parishad Mundi	Completed
(ii)	Mechanical Road Sweeping & Collection	Not Required Gap-Nil	Not Required.	Nagar Parishad Mundi	NA
3	Waste Collection				
(i)	100% collection of solid waste	100% collection achieved-No Gap	100% Waste collection is done by Nagar Parishad mundi.	Nagar Parishad Mundi	Completed
(ii)	Arrangement for door to door collection	100% Door to Door Collection is done and covered all 15 Wards. No Gap.	100% door to door Waste collection is done by Nagar Parishad Mundi in all the 15 Wards.	Nagar Parishad Mundi	Completed
(iii)	Waste Collection trolleys with separate compartments	10-Required, Gap-33%	30 Waste Collection Trolleys are required for waste collection and 20 nos of Waste Collection trolleys are available.	Nagar Parishad Mundi	Dec-22
(iv)	Mini Collection Trucks with separate compartments	03-Required, Gap-50%	06 mini collection trucks are required for waste collection and 03 nos of mini collection trucks are available.	Nagar Parishad Mundi	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.	Nagar Parishad Mundi	Dec-22
4	Waste Transport				
(i)	Review existing infrastructure for waste Transport.	Not Adequate.Gap-36%	Purchasing of 10 waste collection trolleys and 03 mini collection trucks is proposed.	Nagar Parishad Mundi	Dec-22
(ii)	Bulk Waste Trucks	Not Required, No Gap	No Bulk waste truck required.	Nagar Parishad Mundi	NA
(iii)	Waste Transfer points	Not Required, No Gap	No Waste transfer point required and none is available.	Nagar Parishad Mundi	NA
5	Waste Treatment and Disposal				
(i)	Wet-waste Management: On-site composting by bulk waste generators (Authority may decide on requirement as per Rules)	Gap-100%	Inventorization of BW generator is proposed.	Nagar Parishad Mundi	Dec-22
(ii)	Wet-waste Management: Facility(ies) for central Biomethanation / Composting of wet waste.	Gap-100%	13 nos of compost pits are required and none is available.	Nagar Parishad Mundi	Dec-22

(iii)	Dry-Waste Management: Material Recovery for dry-waste fraction	No facility available. Gap-100%	MRF used partially. Adequate MRF need to be developed.	Nagar Parishad Mundi	Dec-22
(iv)	Disposal of inert and non- recyclable wastes: Sanitary Landfill	No facility available. Gap-100%	Construction of sanitary landfill is proposed.	Nagar Parishad Mundi	Dec-22
(v)	Remediation of historic / legacy dumpsite	Bio remediation of legacy waste is not done. Gap-100%	Bio remediation of legacy waste is not done. There are 01 old dump site of waste.	Nagar Parishad Mundi	Dec-21
(vi)	Involvement of NGOs	Its small town, NGO not applicable.	NA	Nagar Parishad Mundi	NA
(vii)	EPR of Producers: Linkage with Producers / Brand Owners	Its small town, EPR not applicable.	NA	Nagar Parishad Mundi	NA
(viii)	Authorisation of Waste Pickers	Local body is collecting the waste door to door and transporting, hence not applicable.	NA	Nagar Parishad Mundi	NA
(ix)	Preparation of own by-laws to comply with SWM Rules 2016	Yes	Yes	Nagar Parishad Mundi	Completed

(ii) Plastic waste Management					
(b) Identification of gaps and Action plan:					
S.No.	Action points For village panchayats/ blocks/ municipalities / corporations	Identification of gap	Action plan	Agencies Responsible	Target time for Compliance
1	Door to Door collection of dry waste including PW	100% collection, Not Gap	100% door to door collection being done, however strong IEC plan proposed for 100% segregation.	Nagar Parishad Mundi	Completed
2	Facilitate organised collection of PW at Waste transfer point or Material Recovery Facility	Gap-100%	Programmes is being organized for collection of Plastic Waste at MRF.	Nagar Parishad Mundi	Mar-23
3	PW collection Centres	It's a small town, hence separate PW collection not required.	NA	Nagar Parishad Mundi	NA
4	Awareness and education programs implementation	Advertisements through Social Media, Newspapers, Radios and through slogans is done. Gap-nil, however it is continuous process.	Advertisements through Social Media, Newspapers, Radios and through slogans shall be done.	Nagar Parishad Mundi	Routine work
5	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 provide	Nagar Parishad Mundi	Mar-22

(iii) C & D Waste Management					
b. Identification of gaps and Action plan:					
S. No.	Action points for blocks / town municipalities / City corporations	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1	Arrangement for separate collection of C&D waste to C&D waste deposition point.	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	Nagar Parishad Mundi	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	Nagar Parishad Mundi	NA
3	C&D recycling Facility	Not required, Gap-Nil	NA	Nagar Parishad Mundi	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	Nagar Parishad Mundi	NA
5	ICE on C & D waste management	Gap-Nil, It is a routine process.	It is routine process.	Nagar Parishad Mundi	Routine Work

(iv) Biomedical Waste Management**a. Current Status related to biomedical waste**

Inventory of BMW in the District	Quantity
Total no. of Bedded Healthcare Facilities	59
Total no. of non-bedded HCF	76
No. of HCFs authorised by SPCBs/PCCs	129
No of Common Biomedical Waste Treatment and Disposal Facilities (CBWTFs)	1
Capacity of CBWTFs	4 MTPD
No. of Deep burials for BMW if any	30
Quantity of biomedical waste generated per day	220 Kg/Day
Quantity of biomedical waste treated per day	220 Kg/Day

b. Identification of gaps and Action plan:

S. No.	Action points	Gaps	Action Plan	Responsible	Timeline for
1	Inventory and Identification of Healthcare Facilities	No Gap: All HCFs including, clinics, hospitals, veterinary hospitals, Aayush hospitals, animal houses, etc generating biomedical waste area identified and authorised by SPCB.	No gap, However the identification of HCFs is done as a continuous process.	MPPCB	Completed
2	Adequacy of facilities to treat biomedical waste	No Gap	There is 01 Common CBWTFs Facility established in Khandwa Dist. M/s. Medisure Incinerators, Village- Bilankheda, Dist. Khandwa.	MPPCB	Completed
3	Tracking of BMW	Yes, Gap- Nil	At Present no permission given by MPPCB without having Bar code system and all vehicle of CBWTF operated with GPS Tracking system.	MPPCB	Completed
4	Awareness and education of healthcare staff	Yes, Gap- Nil	Regularly awareness Programs and training to healthcare staff and ULB officials are conducted by Dist. Health Department/MPPCB.	MPPCB	Completed
5	Adequacy of funds	Yes	State level biomedical waste management committee has directed health department to provide adequate funds.	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 CBWTFs. District level committees are established in all district.	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	Wastewater Treatment	Regular checks are carried out by MPPCB. Gap-Nil	At present MPPCB has grant consent/authorization to Major bedded HCFs which have ETP. facility.	MPPCB	Completed
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(v) Hazardous Waste Management

a. Current Status related to Hazardous Waste Management

Details of Data Requirement	Present Status
No of Industries generating HW	21
Quantity of HW in the district	51.186 MT/Annum
(i) Quantity of Incinerable HW	1.0 MT/Annum
(ii) Quantity of land-fillable HW	27.700 MT/Annum
(iii) Quantity of Recyclable / utilizable HW	Recyclable-22.486 MT/Annum
No of captive/common TSDF	01 TSDF Site located at Pithampur, District - Dhar M.P.
Contaminated Sites or probable contaminated sites	None

b. Identification of gaps and action plan:

S. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1	Regulation of industries and facilities generating Hazardous Waste	No Gap	All the hazardous waste generating industries are identified and authorized by MPPCB.	MPPCB	Completed
2	Establishment of collection centres	Gap-100%	All the 05 ULBs are required to be linked with TSDF & Waste be sent as per rule.	MPPCB	Dec-23
3	Training of workers involved in handling / recycling / disposal of HW	No Gap	persons working in the site with appropriate training, equipment and the information necessary to ensure their safety.	MPPCB	NA
4	Availability / Linkage with common TSDF or disposal facility	No Gap	There is 01 common TSDF site located at Pithampur Dist. Dhar M.P. and all the hazardous waste industries linked with TSDF Site.	MPPCB	NA
5	Contaminated Sites	No Gap	None	None	NA

(vi) E-Waste Management

a. Current Status related to E-Waste Management

Details of Data Requirement	Present Status
Inventory of E-Waste in MT/year	8709.64
Collection centers established by ULBs in the District	NO
Collection centers established by Producers or their PROs	NO
No authorized E-Waste recyclers / Dismantler	There is no recycler or dismantler at the district however the same are at Indore.

b. Identification of gaps and action plan:					
S. No.	Action points	Identification of Gaps	Action Plan	Responsible agency	Timeline for completion of action plan
1	Inventory / Generation of E-Waste / Bulk-waste generators	Gap-Nil	Hospitals, Hotels, Institutes and Offices are identified.	MPPCB	Completed
2	E-Waste collection points	Gap-Nil	Authorized samsung, Nokia and others are located in District for collection of E-waste.	ULB's	NA
3	Linkage among Stakeholders to channelize E-Waste	Gap-100%	ULBs are required to be linked with authorized recyclers/Dismantlers.	ULB's	Proposed
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".	Dist. Administration/ULBs	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.	ULB's	Routine Work
6	Awareness and Education	Ongoing Process.	Strong IEC conducted for Proper E-Waste Channelization and Awareness among the stakeholders by ULB's, District Administration and MPPCB.	Dist. Administration/ULBs	Routine Work

3.0 Air Quality Management

a. Current Status related to Air Quality Management

Details of Data Requirement	Present Status
Number of Automatic Air Quality monitoring stations in the district. - Operated by SPCB / State Govt / Central govt./ PSU agency : - Operated by Industry:	1
Number of manual monitoring States operated by SPCBs	0
Name of towns / cities which are failing to comply with national ambient air quality stations	NONE
No of air pollution industries	6
Prominent air polluting sources [Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln] / [Industrial Estate] / [Others] (Multiple selection)	Unpaved Roads/Vehicle Pollution/ Burning of Waste Stubble

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 emission, Road dust, Littering of wastes, Burning of Waste stubble, MSW etc., Industrial air pollution, Fuel adulteration. Gap- Nil	MPPCB	Completed
2	Ambient Air quality data?	Continuous Monitoring is done by MPPCB. Gap- Nil	MPPCB	Completed
3	Setting up of Continuous Ambient Air Quality Monitoring Station	01 CAAQMS is operational at Municipal Corporation building Khandwa. Gap- Nil	MPPCB	Completed
4	District Level Action Plan for Air Pollution	The ambient air quality data of Khandwa city is well within standard hence no action plan required. NA	District Administration/MPPCB	Proposed
5	Hotspots of air pollution in District	NA	NA	NA
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

Annexure-10

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 (name and Length in Km)	Narmada-93.61, Chhoti tawa-56.30, Sukta-78.45, Abna-33, Bham-33, Lakhori-26.5, Piprad-25, Ganga pat-31.60, Agni-45.50, Ghoda pachhad-48.10, Ruparel-32.25, Kali Machak-62, Ajnal-31.60, Kanveri-40.50
Length of Coastline (if any)	NONE
Nalas/ Drains/Creeks meeting Rivers	NIL
Lakes / Ponds	54 No. and 43868 Hectare.
Total Quantity of sewage from towns and cities in District	23.64 MLD
Quantity of industrial wastewater	39.961 MLD
Percentage of untreated sewage	97.25%
Details of bore wells and number of permissions given for extraction of groundwater	7678 Bore-wells, No. of Permissions Giver-57
Groundwater polluted areas if any	NONE
Polluted river stretches if any	NONE

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 Khandwa 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 Hotspot of water Contamination.Gap- Nil	MPPCB	NA
4	Protection of river / lake water front	Regular monitoring of river/lake is done by MPPCB on monthly basis.Gap- Nil	District Administration/ULB	Routine Work
5	Inventory of sources of water pollution	All sewage and waste water discharge points into water bodies in the district are identified.Gap- Nil	Municipal Corporation Khandwa	Completed
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	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- Ongonig Process	ULBs	Routine Work
9	Complaints redressal 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

Details of Data Requirement	Present Status
No of Class-II towns and above	None
No of Class-I towns and above	1 (Khandwa)
No of Towns STPs installed	NIL
No of Towns needing STPs	1
No of ULBs having partial underground sewerage network	1
No of towns not having sewerage network	Nil
Total Quantity of Sewage generated in District from Class II cities and above	22.32 MLD
Quantity of treated sewage flowing into Rivers (directly or indirectly)	NONE
Quantity of untreated or partially treated sewage (directly or indirectly)	22.32 MLD
Quantity of sewage flowing into lakes	NIL
Total available Treatment Capacity	NONE

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. No STP is installed by KMC. At present Omkareshwar have installed 04 STPs at different location. 2. All 04 ULBs require STP for treatment of domestic waste. The action plan shall be prepared and implemented.	1. ULB's 2. Remaining ULBs (04)/District Administration.	05 Years
2	Underground sewerage network	1. Partial Underground Sewage network exists in the district. Gap-100% 2. Action plan for collection of sewage shall be prepared for ULBs and implemented.	ULB's	05 Years

Annexure-12

5.0 Industrial wastewater management

a. Current Status related to Industrial Wastewater Management

Details of Data Requirement	Present Status
Number of Red, Orange, Green and White industries in the District	Red-54, Orange-10, Green-40.
No of Industries discharging wastewater	6
Total Quantity of industrial wastewater generated	39.69 MLD
Quantity of treated industrial wastewater discharged into Nalas / Rivers	NIL
Common Effluent Treatment Facilities	NONE
No of Industries meeting Standards	6
No of Industries not meeting discharge Standards	NONE

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

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
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

Annexure-13

6.0 Mining Activity Management plan

a. Current Status related to Mining Activity Management

Details of Data Requirement	Present Status
Type of Mining Activity	Stone Crushers, gitti
No of licenced Mining operations in the District	49
% Area covered under mining in the District	0.02%
Area of Sand Mining	1.614850 Square Km
Area of sand Mining	Non River Deposites

b. Identification of gaps and action plan:

S. No.	Action points	Gaps and Action Plan	Responsible agency	Timeline for completion of action plan
1	Monitoring of Mining activity	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 Indore. The members of the committee are SP, MPPCB, Mining Officer. Mining Officer is the convenor of the committee. Gap-Nil, however it is a routine work of identification of illegal mining and appropriate action.	District Administration/Mining Dept.	Routine Work
3	Environment compliance by Mining industry	Periodic inspection are done to check the complainece of environmental conditions regulary by MPPCB. Gap-Nil	MPPCB	Routine Work

Annexure-14**7.0 Noise Pollution Management plan****a.Current Status related to Noise Pollution Management**

Details of Data Requirement	Present Status
No. of noise measuring devices available with various agencies in district	MPPCB-3

b. Identification of gaps and action plan:

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