



सत्यमेव जयते

DISTRICT ENVIRONMENT PLAN KARAULI (RAJ.)

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INTRODUCTION

Hon'ble National Green Tribunal in O. A.No.3602018 dated 26 / 09 / 2018 ordered regarding constitution of District Committee (as a part of District Planning Committee under Article 243 ZD) under Articles 243G, 243W, 243Z Dread with Schedules11 and 12 and Rule15of the Solid Waste Management Rules, 2016.

In the above said order, it is stated that: -

“Chief Secretaries may personally monitor compliance of environmental norms (including BMW Rules) with the District Magistrate once every month. The District Magistrates may conduct such monitoring twice every month. We find it necessary to add that in view of Constitutional provisions under Articles 243 G, 243 W, 243 ZD reuJ with Schedules II and 12 and Rule 15 of the Solid Waste Management Rules, 2016 it is necessary to have u District Environment Plan of be operated by a District committee (as apar to [District Planning Committee under Article 243ZD) with representatives com Panchayat, Local bodies, Regional O[icers, State Rajasthan Officer representing the administration, which may in turn be chaired and monitored by the District Magistrate. Such District Environment plans and constitution o, (District Committee may be placed on the website of district concerned. The monthly report on monitoring by the district Magistrate may be furnished to the Chief Secretary and may be placed on the website of the district and kept on such websites for a period of one year “.

In this regard, District Magistrate are requested to prepare District Environmental plans by constituting District Committee (as apart of District Planning Committee under Article 243ZD) with representative soft Panchayat, Local Bodies, Regional Officers of State Pollution Control Board and a suitable officer representing the administration, which may in turn be chaired and monitored by the District Magistrate wise every month and shall host the same in the website for a period of one year and furnish monthly progress report to the Chief Secretary to Government every month and copy of the same earmarked to State Pollution Control Board accordingly. District Administration, Karauli in this regard have notified the District Level Implementation, Monitoring and Advisory Committee vide notification No. LDC.48/NGT/2019/25 dtd.22-11-2019.

As stated in the above order of Hon'ble NGT. This may not only comply with man date of law but provide an institutional mechanism tor effective monitoring of environment norms.

The District committee, so formed in Karauli District comprised of following members to evolve and execute District Environmental Plan

1	District Collector Karauli	Chairman
2	Chairman Zila Parisad Karauli	Member
3	Chairman Nagar Parisad Karauli	Member
4	Chairman Nagar Palika, Hindaun	Member
5	Chairman Nagar Palika, Todabhim	Member
6	Chairman Panchayat Samiti , Todabhim	Member
7	Chairman Panchayat Samiti, Sapotra	Member
8	Chairman Panchayat Samiti, Hindaun	Member
9	Chairman Panchayat Samiti, Karauli	Member
10	Chairman Panchayat Samiti, Mandrayal	Member
11	Chairman Panchayat Samiti, Masalpur	Member
12	Chairman Panchayat Samiti, Shri Mahaveer ji	Member
13	Chairman Panchayat Samiti, Nadoti	Member
14	Addl. District Collector Karauli	Member
15	Addl. Superintendent of Police Karauli	Member
16	CM & HO Karauli	Member
17	Executive Engineer, PHED Karauli	Member
18	Executive Engineer, PWD Karauli	Member
19	Executive Engineer, Water Resource Karauli	Member
20	District Agriculture officer, Karauli	Member
21	District veterinary and A.H. Officer, Karauli	Member
22	Chief Executive officer, Zila Parisad Karauli	Member
23	Executive officer, Nagar Parisad Karauli	Member
24	Executive officer, Nagar Palika, Hindaun	Member

25	Executive officer, Nagar Palika, Todabhim	Member
26	Regional Manager RIICO Karauli	Member
27	General Manager District Industries Center Karauli	Member
28	Chief Education officer District Karauli	Member
29	District Public Relations Officer, Karauli	Member
30	Deputy Conservator of Forest Karauli	Member Secretary

ABOUT KARAULI DISTRICT

Karauli is situated in the eastern-part of Rajasthan, located at 26.4904° North Latitude, 77.1025° East Longitude. The district of Karauli encompasses an area of 5043 km². It is bordered by [Karauli District](#) to the east; by [Bharatpur District](#) to the north-east; by [Dausa District](#) to the north; and by [Sawai Madhopur District](#) to the west.

The [Chambal River](#) forms the south-eastern boundary of the district, 5 km from [Mandrayal](#) across which lies the state of [Madhya Pradesh](#). While almost the entire district is covered by hills and ravines, there are no lofty peaks, the highest having an elevation of less than 1400 feet above sea level.

Area and Population:

The district of Karauli encompasses an area of 5043 km². Administratively, Karauli has been divided into eight Tehsils Karauli, Hindaun, Todabhim, Nodoti, Sapotra, Mandrayal, Suroth and Masalpur. In 2011, Karauli had population of 1,458,248 of which male and female were 783,639 and 674,609 respectively. In 2001 census, Karauli had a population of 1,209,665 of which males were 651,998 and remaining 557,667 were females. Karauli District population constituted 2.13 percent of total Maharashtra population. In 2001 census, this figure for Karauli District was at 2.14 percent of Maharashtra population.

Location & Boundary:-

It is bordered by [Karauli District](#) to the east; by [Bharatpur District](#) to the north-east; by [Dausa District](#) to the north; and by [Sawai Madhopur District](#) to the west.

The [Chambal River](#) forms the south-eastern boundary of the district, 5 km from [Mandrayal](#) across which lies the state of [Madhya Pradesh](#). While almost the entire district is covered by hills and ravines, there are no lofty peaks, the highest having an elevation of less than 1400 feet above sea level.



Sub Division & Police Stations:-

The District is divided into 8 sub divisions viz. Sub division consists of 19 police stations viz.

- Karauli District consists of eight blocks (Panchayat Samiti) Hindaun, Karauli, Todabhim, Nadoti, Sapotra, Mandrayal, Masalpur and Shri Mahaveer ji. There are eight Tehsil in Karauli district which are Hindaun, Karauli, Todabhim, Nadoti, Sapotra, Masalpur, Mandrayal and Shri Mahaveer ji. There are **243 gram panchayats** and **902 revenue villages** in Karauli.

CLIMATE AND RAINFALL: Climate of the district can be classified as semi arid type. The summers are very hot & dry and winters are very cold. The summer season prevails from March to mid-June after which the rainy season starts with the onset of monsoon rains lasting till the end of September. During May/ June months, the mean daily temperature is about 40°C. The potential evapotranspiration is 1780.0 mm annually. The mean annual rainfall of the district is 563.94 mm (2001-2011). The long term normal annual rainfall (1951-2000) is 722.1mm. The occurrence of mild droughts is highest in the district. Normal drought occurs sometimes where as severe type of drought occurs rarely.

TEMPERATURE: Climate of the district can be classified as semi-arid type. The summers are very hot & dry and winters are very cold. The summer season prevails from March to mid-June after which the rainy season starts with the onset of monsoon rains lasting

till the end of September. During May/ June months, the mean daily temperature is about 40°C. The potential evapotranspiration is 1780.0 mm annually.

HUMIDITY: The air is generally dry except during the southwest monsoon period. The relative humidity ranges from less than 20% to 85 %.

Forest:- Forest land in Karauli district 186272.748 hq. It is 35% of Total area of Karauli District (504,301 hq. Total RTR-II Wild life reserved Area – 77400 hq is include.

Type of Forest:-

Tropical Dry Deciduous (Karauli) **Forests**

the northern and eastern slopes of **Karauli** districts, are covered with this **type of forests**

- 1- Tropical dry deciduous forest
- 2- Northern tropical dry deciduous forest
- 3- Dry grass land

Exp- Dhok forest, Khair Forest, Chhila Forest, Babool Forest etc.

Rivers:-

Karauli District only 6 Rivers (Chambal, Jagar, Ghambhiri, Bhadrawati, KaliSil and Barkheda)

Minerals:-

Karauli District Minerals (Sand Stone, Silica, Soap Stone, Khadiya, Macenery Stone etc.)

Flora:

Many Spices of flora is available in district Karauli. (Exp. Tree Species -102, Shrubs & herbs species -110, Climbers species -33, Herbs and Grass species- 69 etc.)

Ex- Kher, Raunjh, Babool, Dhok, Neem, Hingota, Chhela, Seesham, Peepal, Gular, Pakhar, Gurgan, Aam, Ber, Jamun, Safada, Karanj, Google, Dhatura, Neem Geloye, Satawari, Dhaman, Nota, Kush, Kansh etc.

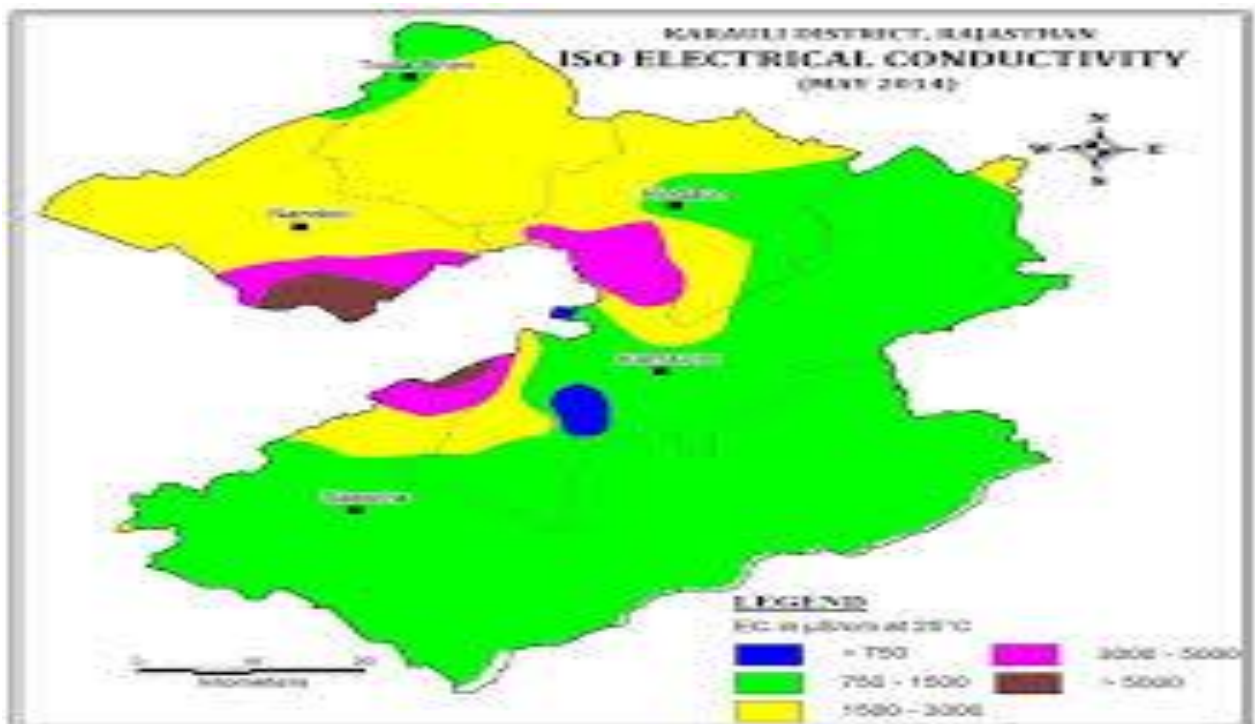
Fauna:

Many species fauna located in District Karauli. (Ex. Mammals species -37, Reptiles – 19, Amphibia- 4, Fishes Fauna-7, Avifauna- 167 etc.)

Ex- Tiger, Leopard, Wild bear, Gazella, Rabbit, Jackal, Newala, Crocodile, Ghariyal
Mongoose Common, Girgit, Indian Pythoon, Indian cobera, Bulbul, Blue jay, Cuckoo, Owl,
Indian Skimmer, Peacock, Grey etc.

Ground Water Scenario of District:

The ground water in the district is mainly influenced by the basin of Chambal and
Bhadrawati Gambhir. The general depth of water below ground surface varies from 15 metres
to 30 metres. In Karauli district, ground water occurs in mainly four hydro-geological
formations. These hydrogeological formations are alluvium, sandstone, shale and limestone
and among these formations, alluvium is the most important formation as it covers the
maximum area and also it is the most potential among different hydro-geological formations



Preamble

This plan has been prepared in line with the model District Environment Plan (DEP) of
CPCB and covers following thematic areas;

1. Waste Management Plan
 - (i) Solid Waste Management Plan
 - (ii) Plastic Waste Management
 - (iii) C&D Waste Management

- (iv) Biomedical Waste Management
- (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

Objectives of the plan

- 1. To ensure conservation of environment and natural resources at district level.
- 2. Restore ecological balance.
- 3. To achieve the Sustainable Development Goals and district level targets within the prescribed timeline.
- 4. To ensure sustainability at district level following the principles of resource efficiency.

Chapter 1 Waste Management Plan

1.1 Solid Waste Management Plan

Solid waste means any garbage, refuse, sludge from a wastewater treatment plant, water supply treatment plant, or air pollution control facility and other discarded materials including solid, liquid, semi-solid, or contained gaseous material, resulting from industrial, commercial, mining and agricultural operations, and from community activities, but does not include solid or dissolved materials in domestic sewage, or solid or dissolved materials in irrigation return flows or industrial discharges. Compliance and planning of Solid Waste Management in the district according to Solid Waste Management Rules, 2016 is as follows:

1.0 Waste Management Plan

(i) Solid Waste Management Plan (for each ULB)

karauli

No.	Action Areas	Details of Data Requirement	Measurable Outcome
	Name of ULB		Municipal council Karauli
	No of ULBs in the District		3
	Population		82960
SW1	Report on inventory of total solid waste Generation		
SW1a		Total solid waste Generation	32MT/Day
SW1b		Qty. of Dry Waste segregated	12MT/Day
SW1c		Qty. of Wet Waste segregated	20MT/Day
SW1d		Qty. of C&D Waste segregated	0.3MT/Day
SW1e		Qty. of Street Sweeping	2MT/Day
SW1f		Qty. of Drain Silt	Not estimated
SW1g		Qty. of Domestic Hazardous Waste(DHW) collected	[No Facility]
SW1h		Qty. of Other Waste (Horticulture, Sanitary waste, etc.)	[Qty not estimated]
SW1i		No of Old dump sites	1

SW1j		Qty stored in dumpsites	28500[MT]
SW1k		No of Sanitary landfills	[None]
SW1l		No of wards	55
SW2	Compliance by Bulk Waste Generators		
SW2a		No of BW Generators	[12]
SW2b		No of on-site facilities for Wet Waste	[3]
SW3	Compliance in segregated waste Collection SW Collection (MT Per day)		
SW3a		Total generation	[in 32MT/Day]
SW3b		Wet Waste	20
SW3c		Dry Waste	12
SW3d		C&D Waste	0.3
SW4	Waste Management Operations		
SW4a		Door to Door Collection	[100%]
SW4b		Mechanical Road Sweeping	[not initiated]
SW4c		Manual Sweeping	[100%]
SW4d		Segregated Waste Transport	[partial %]
SW4e		Digesters (Bio-methanation)	[not initiated]
SW4f		Composting operation	[not initiated]
SW4g		MRF Operation	[not installed]
SW4h		Use of Sanitary Landfill	[no SLF]
SW4i		Reclamation of old dumpsites	[not initiated]
SW4j		Linkage with Waste to Energy Boilers / Cement Plants	[initiated]
SW4k		Linkage with Recyclers	[initiated]

SW4l		Authorization of waste pickers	[initiated]
SW4m		Linkage with TSDF / CBMWTF	[initiated]
SW4n		Involvement of NGOs	[not initiated]
SW4o		Linkage with Producers / Brand Owners	[not initiated]
SW4p		Authorisation of Waste Pickers	
SW4q		Issuance of ID Cards	[initiated]
SW5	Adequacy of Infrastructure		
SW5a		Waste Collection Trolleys	[5Nos. Required]
SW5b		Mini Collection Trucks	[2Nos. Required]
SW5c		Segregated Transport	[no]]
SW5d		Bulk Waste Trucks	not Available
SW5e		Waste Transfer points	Not available
SW5f		Bio-methanation units	Not Available
SW5h		Composting units	Not Available]
SW5i		Material Recovery Facilities	Not available
SW5k		Waste to Energy (if applicable)	[No Available]
SW5l		Waste to RDF	[No Available]
SW5m		Sanitary Land fills	No Available]
SW5n		Capacity of sanitary landfills	[No Available]

BASELINE DATA FOR SOLID WASTE MANAGEMENT HINDAUN

No.	Action Areas	Details of Data Requirement	Units Of Measurable Outcome	ULB 1	ULB 2	ULB 3	ULB 4	ULB 5	ULB 6	Action to be taken by
	Name of Urban Local Body (ULB)		[name of ULB]	Nagar Prishad Hindaun City	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
	No of ULBs in the District		[Nos]	1	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
	Population		[Nos as per 2011 census]	105452	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1	Report on inventory of total solid waste Generation									ALL ULB (Nagar Parishad/ Nagar Palika)
SW1a		Total solid waste Generation	[in MT/Day] or [Not estimated]	42 MT/DAY	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1b		Qty. of Dry Waste segregated	[in MT/Day] or [Collection Not initiated]	Collection			0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1c		Qty. of Wet Waste segregated	[in MT/Day] or [Collection Not initiated]	Collection		0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1d		Qty. of C&D Waste segregated	[in MT/Day] or [Collection Not initiated]	Collection Not initiated	0	00	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1e		Qty. of Street Sweeping	[in MT/Day] or [Not estimated]	02 DAY/Night	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1f		Qty. of Drain Silt	[in MT/Day] or [Not estimated]	02 MT/DAY	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1g		Qty. of Domestic Hazardous Waste(DHW) collected	[in MT/Day] or [No Facility]	No Facility	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1h		Qty. of Other Waste (Horticulture, sanitary waste, etc.)	[in MT/Day] or [Qty not estimated]	0	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1i		No of Old dump sites	[Nos] or [None]	1	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)

										Palika)
SW1j		Qty stored in dumpsites	[MT] or [Not estimated]	1	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1k		No of Sanitary landfills	[Nos] or [None]	1	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1l		No of wards	[nos]	60	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW2	Compliance by Bulk Waste Generators			3						ALL ULB (Nagar Parishad/ Nagar Palika)
SW2a		No of BW Generators	[numbers] or [inventory not done]	0	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW2b		No of on-site facilities for Wet Waste	[numbers] or [No data]	0	0	0	No data	1	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW3	Compliance in segregated waste Collection SW Collection									ALL ULB (Nagar Parishad/ Nagar Palika)
SW3a		Total generation	[Automatic] from SW1a	0	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW3b		Wet Waste	[in MT/Day] or [Collection Not initiated]	0	0	0	0	0	0	0
SW3c		Dry Waste	[in MT/Day] or [Collection Not initiated]	0	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW3d		C&D Waste	[in MT/Day] or [Collection Not initiated]	0	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4	Waste Management Operations									ALL ULB (Nagar Parishad/ Nagar Palika)
SW4a		Door to Door Collection	[100%] / [partial %] / [not initiated]	100%	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4b		Mechanical Road Sweeping	[100%] / [partial%] / [not initiated]	100%	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4c		Manual Sweeping	[100%] / [partial%]	100%	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4d		Segregated Waste	[100%] / [partial %] /	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)

		Transport	[not initiated]							
SW4e		Digesters (Bio-methanation)	[% of WW] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4f		Composting operation	[% of WW] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4g		MRF Operation	[MRF used] / [not installed]	MRF Used	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4h		Use of Sanitary Landfill	[% of SW collected] / [no SLF]	100%	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4i		Reclamation of old dumpsites	[initiated] / [not initiated]	initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4j		Linkage with Waste to Energy Boilers / Cement Plants	[initiated] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4k		Linkage with Recyclers	[initiated] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4l		Authorization of waste pickers	[initiated] / [not initiated]	initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4m		Linkage with TSDF / CBMWTF	[initiated] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4n		Involvement of NGOs	[initiated] / [not initiated]	initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4o		Linkage with Producers / Brand Owners	[initiated] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4p		Authorization of Waste Pickers		Yes	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4q		Issuance of ID Cards	[initiated] / [not initiated]	initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5	Adequacy of Infrastructure									ALL ULB (Nagar Parishad/ Nagar Palika)
SW5a		Waste Collection Trolleys	[Nos. Required] / [Nos. Available]	100	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5b		Mini Collection Trucks	[Nos. Required] / [Nos. Available]	28	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)

			Available]							
SW5c		Segregated Transport	[yes] / [no] / [% area covered]	Yes 100%	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5d		Bulk Waste Trucks	[Nos. Required] / [Nos. Available]	Not Required	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5e		Waste Transfer points	[Nos. Required] / [Nos. Available] / [Not available]	Not Required	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5f		Bio-methanation units	[Nos. Required] / [Nos. Available]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5h		Composting units	[Nos. Required] / [Nos. Available]	2	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5i		Material Recovery Facilities	[used or installed] / [not available]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5k		Waste to Energy (if applicable)	[Required] / [Nos. Available]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5l		Waste to RDF	[Required] / [Nos. Available]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5m		Sanitary Landfills	[Nos.] / [Nos. Available]	Available	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5n		Capacity of sanitary landfills	[MT] // [Nos. Available]	42 MT	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5o		Waste Deposit Centers (DHW)	[Nos.] / [Nos. Available]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5p		Other facilities	[give or select from list]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW6	Notification and Implementation of By-Laws									ALL ULB (Nagar Parishad/ Nagar Palika)
SW6a		Notification of By-laws	[done] / [in progress] / [not initiated]	In progress	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW6b		Implementation of by-laws	[done] / [in progress] / [not initiated]	In progress	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW7	Adequacy of									ALL ULB (Nagar

	Financial Status of ULB									Parishad/ Nagar Palika)
SW7a		CAPEX Required	[INR] / [Not required]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW7b		OPEX	[INR per Year] / [% of requirement]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW7c		Adequacy of OPEX	[Yes] / [No]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)

Note: Action to be taken by respective Municipal authorities on all earmarked activities (bold).

ACTION PLAN FOR SOLID WASTE MANAGEMENT

S. No.	Action Points	Timelines	Department/ Agencies
1.	Door to Door collection of municipal solid waste as per SWM Rules- 2016 Segregation at source of solid waste Regular pest control system	Regular activity	Municipal authorities
2.	Collection, Segregation, Transport and Disposal of Solid Waste in city	Regular activity	Municipal authorities /Development Authorities/Industries.
3.	Segregation at source of solid waste.	Regular activity	Municipal authorities /Development Authorities/Waste Generator.
4.	Plantation of area specific types of plants to mitigate pollution Regular cleaning of drains and disposal of sludge In house disposal of Municipal Solid Waste in industrial areas as per SWM Rules-2016.	Regular activity	Department of Industries.
5.	Development of new MSW facility Establishment of Bio-compost RDF and waste to energy plant.	NA	ULBs
6.	Preventing solid waste entering into water bodies– installation of bar mesh in Nallahs &Drains.	YES	ULBs
7.	GPS enabled vehicles for waste transportation & user friendly mobile app.	YES	ULBs
8.	Redressal of complaints	Regular activity	ULBs
9.	Actions against defaulters of Solid Waste Management Rules- 2016	YES	ULBs
10.	Information, Education and Communication (IEC) activities for source segregation.	Regular activity	ULBs

BASELINE DATA FOR SOLID WASTE MANAGEMENT TODABHIM

No.	Action Areas	Details of Data Requirement	Units Of Measurable Outcome	ULB 1	ULB 2	ULB 3	UL B4	UL B5	UL B6	Action to be taken by
	Name of Urban Local Body (ULB)		[name of ULB]	Nagar Palika Todabhim	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
	No of ULBs in the District		[Nos]	1	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
	Population		[Nos as per 2011 census]	23046	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1	Report on inventory of total solid waste Generation									ALL ULB (Nagar Parishad/ Nagar Palika)
SW1a		Total solid waste Generation	[in MT/Day] or [Not estimated]	11.514 MT/DA Y	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1b		Qty. of Dry Waste segregated	[in MT/Day] or [Collection Not initiated]	6.908 MT/DA Y			0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1c		Qty. of Wet Waste segregated	[in MT/Day] or [Collection Not initiated]	4.605 MT/DA Y		0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1d		Qty. of C&D Waste segregated	[in MT/Day] or [Collection Not initiated]	0.55 MT/DA Y	0	00	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1e		Qty. of Street Sweeping	[in MT/Day] or [Not estimated]	0.80 MT/DA Y	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1f		Qty. of Drain Silt	[in MT/Day] or [Not estimated]	1.00 MT/DA Y	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)

No.	Action Areas	Details of Data Requirement	Units Of Measurable Outcome	ULB 1	ULB 2	ULB 3	UL B4	UL B5	UL B6	Action to be taken by
SW1g		Qty. of Domestic Hazardous Waste(DHW) collected	[in MT/Day] or [No Facility]	No Facility	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1h		Qty. of Other Waste (Horticulture , sanitary waste, etc.)	[in MT/Day] or [Qty not estimated]	0	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1i		No of Old dump sites	[Nos] or [None]	1	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1j		Qty stored in dumpsites	[MT] or [Not estimated]	1	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1k		No of Sanitary landfills	[Nos] or [None]	1	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW1l		No of wards	[nos]	25	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW2	Compliance by Bulk Waste Generators			0						ALL ULB (Nagar Parishad/ Nagar Palika)
SW2a		No of BW Generators	[numbers] or [inventory not done]	0	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW2b		No of on-site facilities for Wet Waste	[numbers] or [No data]	0	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW3	Compliance in segregated waste Collection SW Collection									ALL ULB (Nagar Parishad/ Nagar Palika)
SW3a		Total generation	[Automatic] from SW1a	0.44	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW3b		Wet Waste	[in MT/Day] or	0.16	0	0	0	0	0	0

No.	Action Areas	Details of Data Requirement	Units Of Measurable Outcome	ULB 1	ULB 2	ULB 3	UL B4	UL B5	UL B6	Action to be taken by
			[Collection Not initiated]							
SW3c		Dry Waste	[in MT/Day] or [Collection Not initiated]	0.28	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW3d		C&D Waste	[in MT/Day] or [Collection Not initiated]	0	0	0	0	00	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4	Waste Management Operations									ALL ULB (Nagar Parishad/ Nagar Palika)
SW4a		Door to Door Collection	[100%] / [partial %] / [not initiated]	100%	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4b		Mechanical Road Sweeping	[100%] / [partial%] / [not initiated]	100%	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4c		Manual Sweeping	[100%] / [partial%]	100%	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4d		Segregated Waste Transport	[100%] / [partial %] / [not initiated]	12%	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4e		Digesters (Bio-methanation)	[% of WW] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4f		Composting operation	[% of WW] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4g		MRF Operation	[MRF used] / [not installed]	Temporary MRF Used	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)

No.	Action Areas	Details of Data Requirement	Units Of Measurable Outcome	ULB 1	ULB 2	ULB 3	UL B4	UL B5	UL B6	Action to be taken by
SW4h		Use of Sanitary Landfill	[% of SW collected] / [no SLF]	100%	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4i		Reclamation of old dumpsites	[initiated] / [not initiated]	Initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4j		Linkage with Waste to Energy Boilers / Cement Plants	[initiated] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4k		Linkage with Recyclers	[initiated] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4l		Authorization of waste pickers	[initiated] / [not initiated]	initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4m		Linkage with TSDF / CBMWTF	[initiated] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4n		Involvement of NGOs	[initiated] / [not initiated]	not Initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4o		Linkage with Producers / Brand Owners	[initiated] / [not initiated]	not initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4p		Authorization of Waste Pickers		Yes	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW4q		Issuance of ID Cards	[initiated] / [not initiated]	initiated	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5	Adequacy of Infrastructure									ALL ULB (Nagar Parishad/ Nagar Palika)
SW5a		Waste Collection Trolleys	[Nos. Required] / [Nos. Available]	50	0	0	0	0		ALL ULB (Nagar Parishad/ Nagar Palika)
SW5b		Mini Collection	[Nos. Required] /	7	0	0	0	0		ALL ULB (Nagar Parishad/ Nagar

No.	Action Areas	Details of Data Requirement	Units Of Measurable Outcome	ULB 1	ULB 2	ULB 3	UL B4	UL B5	UL B6	Action to be taken by
		Trucks	[Nos. Available]							Palika)
SW5c		Segregated Transport	[yes] / [no] / [% area covered]	Yes 100%	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5d		Bulk Waste Trucks	[Nos. Required] / [Nos. Available]	Not Required	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5e		Waste Transfer points	[Nos. Required] / [Nos. Available] / [Not available]	Not Required	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5f		Bio-methanation units	[Nos. Required] / [Nos. Available]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5h		Composting units	[Nos. Required] / [Nos. Available]	0	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5i		Material Recovery Facilities	[used or installed] / [not available]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5k		Waste to Energy (if applicable)	[Required] / [Nos. Available]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5l		Waste to RDF	[Required] / [Nos. Available]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5m		Sanitary Land fills	[Nos] / [Nos. Available]	Available	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5n		Capacity of sanitary landfills	[MT] // [Nos. Available]	11.514 MT	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW5o		Waste Deposit Centers (DHW)	[Nos] / [Nos. Available]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)

No.	Action Areas	Details of Data Requirement	Units Of Measurable Outcome	ULB 1	ULB 2	ULB 3	UL B4	UL B5	UL B6	Action to be taken by
SW5p		Other facilities	[give or select from list]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW6	Notification and Implementation of By-Laws									ALL ULB (Nagar Parishad/ Nagar Palika)
SW6a		Notification of By-laws	[done] / [in progress] / [not initiated]	In progress	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW6b		Implementation of by-laws	[done] / [in progress] / [not initiated]	In progress	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW7	Adequacy of Financial Status of ULB									ALL ULB (Nagar Parishad/ Nagar Palika)
SW7a		CAPEX Required	[INR] / [Not required]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW7b		OPEX	[INR per Year] / [% of requirement]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)
SW7c		Adequacy of OPEX	[Yes] / [No]	NA	0	0	0	0	0	ALL ULB (Nagar Parishad/ Nagar Palika)

Note: Action to be taken by respective Municipal authorities on all earmarked activities (bold).

ACTION PLAN FOR SOLID WASTE MANAGEMENT

S. No.	Action Points	Timelines	Department/ Agencies
1.	Door to Door collection of municipal solid waste as per SWM Rules- 2016 Segregation at source of solid waste Regular pest control system	Regular activity	Municipal authorities
2.	Collection, Segregation, Transport and Disposal of Solid Waste in city	Regular activity	Municipal authorities /Development Authorities/Industries.
3.	Segregation at source of solid waste.	Regular activity	Municipal authorities /Development Authorities/Waste Generator.
4.	Plantation of area specific types of plants to mitigate pollution Regular cleaning of drains and disposal of sludge In house disposal of Municipal Solid Waste in industrial areas as per SWM Rules- 2016.	Regular activity	Department of Industries.
5.	Development of new MSW facility Establishment of Bio-compost RDF and waste to energy plant.	NA	ULBs
6.	Preventing solid waste entering into water bodies– installation of bar mesh in Nallahs &Drains.	NA	ULBs
7.	GPS enabled vehicles for waste transportation & user friendly mobile app.	YES	ULBs
8.	Redressal of complaints	Regular activity	ULBs
9.	Actions against defaulters of Solid Waste Management Rules- 2016	YES	ULBs
10.	Information, Education and Communication (IEC) activities for source segregation.	Regular activity	ULBs

1.2 - Plastic Waste Management: The Ministry of Environment, Forest and Climate Change has notified the Plastic Waste Management (Amendment) Rules 2018. The amended Rules lay down that the phasing out of Multi-layered Plastic (MLP) is now applicable to MLP, which are “non-recyclable, or non-energy recoverable, or with no alternate use.”

The amended Rules also prescribe a central registration system for the registration of the producer/importer/brand owner. The Rules also lay down that any mechanism for the registration should be automated and should take into account ease of doing business for

producers, recyclers and manufacturers. The centralized registration system will be evolved by Central Pollution Control Board (CPCB) for the registration of the producer/importer/brand owner. While a national registry has been prescribed for producers with presence in more than two states, a state-level registration has been prescribed for smaller producers/brand owners operating within one or two states. Present scenario and subsequent planning for Plastic Waste Management (for each ULB) is as follows:

Present Scenario in the district:

(i)Plastic Waste Management (for each ULB) Karauli

No.	Action Areas	Details of Data Requirement	Measurable Outcome
	Name of ULB		Municipal Council Karauli
	Population		82960
PW1	Inventory of plastic waste generation		
PW1a		Estimated Quantity of plastic waste generated in District	[Not Estimated]
PW2	Implementation of Collection		
PW2a		Door to Door collection	[100%]
PW2b		Segregated Waste collection	[100%]
PW2c		Plastic waste collection at Material Recovery Facility	[MRF used]
PW2d		Authorization of PW pickers	[not initiated]
PW2e		PW collection Centers	[not established]
PW3	Establishment of linkage with Stakeholders		
PW3a		Established linkage with PROs of Producers	[not established]
PW3b		Established linkage with NGOs	[not established]
PW4	Availability of facilities		

No.	Action Areas	Details of Data Requirement	Measurable Outcome
	for Recycling or utilization of PW		
PW4a		No. of PW recyclers	0
PW4b		No Manufacturers	0
PW4c		No of pyrolysis oil plants	0
PW4d		Plastic pyrolysis	0
PW4e		Use in road making	0
PW4f		Co-processing in Cement Kiln	0
W5	Implementation of PW Management Rules, 2016		
W5a		Sealing of units producing < 50-micron plastic	[no action]
PW5b		Prohibiting sale of carry bags < 50 Micron	[no action]
PW5c		Ban on Carry bags and other single use plastics as notified by State Government	[Partial]
PW6	Implementation of Extended Producers Responsibility (EPR) through Producers/Brand-owners		
PW6a		No of Producers associated with ULBs	[None]
PW6b		Financial support by Producers / Brand owners to ULBs	[None]
PW6c		Amount of PRO Support	[Rs 0]
PW6d		Infrastructure support by Producers / Brand owners to ULBs	[None]
PW6e		No of collection centers established by Producers / Brand owners to ULBs	[None]

BASELINE DATA FOR PLASTIC WASTE MANAGEMENT HINDAUN

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter measurable outcome for district	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
	Name of ULB		[name of ULB]		Nagar Prishad Hindaun						ALL ULB (Nagar Parishad/ Nagar Palika)
	Population		[Nos as per 2011 census]		105452						ALL ULB (Nagar Parishad/ Nagar Palika)
PW1	Inventory of plastic waste generation										ALL ULB (Nagar Parishad/ Nagar Palika)
PW1a		Estimated Quantity of plastic waste generated in District	[MT/day] / [Not Estimated]		NA						ALL ULB (Nagar Parishad/ Nagar Palika)
PW2	Implementation of Collection										ALL ULB (Nagar Parishad/ Nagar Palika)
PW2a		Door to Door collection	[100%] / [partial %] / [not initiated]		100%						ALL ULB (Nagar Parishad/ Nagar Palika)
PW2b		Segregated Waste collection	[100%] / [partial %]		Partial						ALL ULB (Nagar Parishad/ Nagar Palika)
PW2c		Plastic waste collection at Material	[MRF used] / [not installed]		MRF Used						ALL ULB (Nagar Parishad/ Nagar Palika)

		Recovery Facility									Nagar Palika)
PW2d		Authorization of PW pickers	[Nos] / [not initiated]		10						ALL ULB (Nagar Parishad/ Nagar Palika)
PW2e		PW collection Centers	[Nos] / [not established]		1						ALL ULB (Nagar Parishad/ Nagar Palika)
PW3	Establishment of linkage with Stakeholders										ALL ULB (Nagar Parishad/ Nagar Palika)
PW3a		Established linkage with PROs of Producers	[Nos] / [not established]		Not established						ALL ULB (Nagar Parishad/ Nagar Palika)
PW3b		Established linkage with NGOs	[Nos] / [not established]		Not established						ALL ULB (Nagar Parishad/ Nagar Palika)
PW4	Availability of facilities for Recycling or utilization of PW										ALL ULB (Nagar Parishad/ Nagar Palika)
PW4a		No. of PW recyclers	[Nos]		NA						ALL ULB (Nagar Parishad/ Nagar Palika)
PW4b		No Manufacturers	[Nos]		0						ALL ULB (Nagar Parishad/ Nagar Palika)
PW4c		No of pyrolysis oil plants	[Nos]		NA						ALL ULB (Nagar Parishad/ Nagar Palika)
PW4d		Plastic pyrolysis	[Quantity in MT		NA						ALL ULB (Nagar

			sent per Month]								Parishad/ Nagar Palika)
PW4e		Use in road making	[Quantity MT used per Month]		NA						ALL ULB (Nagar Parishad/ Nagar Palika)
PW4f		Co-processing in Cement Kiln	[Quantity in MT sent per Month]		NA						ALL ULB (Nagar Parishad/ Nagar Palika)
PW5	Implementation of PW Management Rules, 2016										ALL ULB (Nagar Parishad/ Nagar Palika)
PW5a		Sealing of units producing < 50-micron plastic	[All sealed] / [Partial] / [no action]		0						ALL ULB (Nagar Parishad/ Nagar Palika)
PW5b		Prohibiting sale of carry bags < 50 micron	[Prohibited] / [Partial] / [no action]		Prohibited						ALL ULB (Nagar Parishad/ Nagar Palika)
PW5c		Ban on Carry bags and other single use plastics as notified by State Government	[Implemented] / [Partial] / [no action] / [No Ban]		Implemented						ALL ULB (Nagar Parishad/ Nagar Palika)
PW6	Implementation of Extended Producers Responsibility (EPR) through Producers/Brand-owners										ALL ULB (Nagar Parishad/ Nagar Palika)
PW6a		No of Producers associated with ULBs	[Nos] / [None]		None						ALL ULB (Nagar Parishad/ Nagar Palika)
PW6b		Financial support by Producers / Brand owners to	[Nos] / [None]		None						ALL ULB (Nagar Parishad/

		ULBs									Nagar Palika)
PW6c		Amount of PRO Support	[Rs...]		0						ALL ULB (Nagar Parishad/ Nagar Palika)
PW6d		Infrastructure support by Producers / Brand owners to ULBs	[Nos of Producers] / [None]		None						ALL ULB (Nagar Parishad/ Nagar Palika)
PW6e		No of collection centers established by Producers / Brand owners to ULBs	[Nos] / [None]		None	None		None	None		ALL ULB (Nagar Parishad/ Nagar Palika)

Note: Action to be taken by respective Municipal authorities on all earmarked activities.

ACTION POINTS FOR PLASTIC WASTE MANAGEMENT

S. No.	Action Points	Timelines	Department/ Agencies
1.	Door to Door plastic waste collection.	Regular activity	ULBs
2.	Setting up of decentralized waste processing facilities by bulk waste generators.	Immediate	ULBs/ Mandi Parishad/ Bus Stand/ Hotels/ Institutions etc.
3.	Plastic waste segregation at Source.	Regular activity	ULBs/Waste generators
4.	Management by Waste Generator (Use of Plastic Carry Bags, Plastic Sheets, extended product life cycle, Cover Made of Plastic Sheets and Multi Layered Packaging).	Immediate	ULBs/
5.	Utilization of Non-recyclable plastic waste (Road Construction, Waste to Fuel, Waste to energy, alternative uses identification etc).	As per requirement	ULBs
6.	Engaging Civil Societies working with Waste Picker.	Immediate	ULBs
7.	Ban on Carry bags and other single use plastics as notified by State Government.	Immediate	ULBs
8.	Ensuring no open burning and littering.	Immediate	ULBs
9.	Submission of Annual Report to CPCB.	Annually	RPCB
10.	Preventing plastic waste entering into water bodies – installation of bar mesh in Nallahs & Drains.	Immediate	ULBs
11.	Information, Education & Communication (IEC) for plastic waste management.	Regular Activity	ULBs/ NGOs/

BASELINE DATA FOR PLASTIC WASTE MANAGEMENT TODABHIM

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter measurable outcome for district	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
	Name of ULB		[name of ULB]		Nagar Palika Todabhim						ALL ULB (Nagar Parishad/ Nagar Palika)
	Population		[Nos as per 2011 census]		23046						ALL ULB (Nagar Parishad/ Nagar Palika)
PW1	Inventory of plastic waste generation										ALL ULB (Nagar Parishad/ Nagar Palika)
PW1a		Estimated Quantity of plastic waste generated in District	[MT/day] / [Not Estimated]		NA						ALL ULB (Nagar Parishad/ Nagar Palika)
PW2	Implementation of Collection										ALL ULB (Nagar Parishad/ Nagar Palika)
PW2a		Door to Door collection	[100%] / [partial %] / [not initiated]		100%						ALL ULB (Nagar Parishad/ Nagar Palika)
PW2b		Segregated Waste collection	[100%] / [partial %]		Partial						ALL ULB (Nagar Parishad/ Nagar Palika)
PW2c		Plastic waste collection at Material Recovery Facility	[MRF used] / [not installed]		Temporary MRF Used						ALL ULB (Nagar Parishad/ Nagar Palika)
PW2d		Authorization of PW pickers	[Nos] / [not initiated]		13						ALL ULB (Nagar Parishad/ Nagar Palika)

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter measurable outcome for district	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
											Palika)
PW2e		PW collection Centers	[Nos] / [not established]		1						ALL ULB (Nagar Parishad/ Nagar Palika)
PW3	Establishment of linkage with Stakeholders										ALL ULB (Nagar Parishad/ Nagar Palika)
PW3a		Established linkage with PROs of Producers	[Nos] / [not established]		Not established						ALL ULB (Nagar Parishad/ Nagar Palika)
PW3b		Established linkage with NGOs	[Nos] / [not established]		Not established						ALL ULB (Nagar Parishad/ Nagar Palika)
PW4	Availability of facilities for Recycling or utilization of PW										ALL ULB (Nagar Parishad/ Nagar Palika)
PW4a		No. of PW recyclers	[Nos]		NA						ALL ULB (Nagar Parishad/ Nagar Palika)
PW4b		No Manufacturers	[Nos]		0						ALL ULB (Nagar Parishad/ Nagar Palika)
PW4c		No of pyrolysis oil plants	[Nos]		NA						ALL ULB (Nagar Parishad/ Nagar Palika)
PW4d		Plastic pyrolysis	[Quantity in MT sent per Month]		NA						ALL ULB (Nagar Parishad/ Nagar Palika)

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter measurable outcome for district	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
PW4e		Use in road making	[Quantity MT used per Month]		NA						ALL ULB (Nagar Parishad/ Nagar Palika)
PW4f		Co-processing in Cement Kiln	[Quantity in MT sent per Month]		NA						ALL ULB (Nagar Parishad/ Nagar Palika)
PW5	Implementation of PW Management Rules, 2016										ALL ULB (Nagar Parishad/ Nagar Palika)
PW5a		Sealing of units producing < 50-micron plastic	[All sealed] / [Partial] / [no action]		0						ALL ULB (Nagar Parishad/ Nagar Palika)
PW5b		Prohibiting sale of carry bags < 50 micron	[Prohibited] / [Partial] / [no action]		Prohibited						ALL ULB (Nagar Parishad/ Nagar Palika)
PW5c		Ban on Carry bags and other single use plastics as notified by State Government	[Implemented] / [Partial] / [no action] / [No Ban]		Implemented						ALL ULB (Nagar Parishad/ Nagar Palika)
PW6	Implementation of Extended Producers Responsibility (EPR) through Producers/Brand-owners										ALL ULB (Nagar Parishad/ Nagar Palika)
PW6a		No of Producers associated with ULBs	[Nos] / [None]		None						ALL ULB (Nagar Parishad/ Nagar Palika)

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter measurable outcome for district	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
PW6b		Financial support by Producers / Brand owners to ULBs	[Nos] / [None]		None						ALL ULB (Nagar Parishad/ Nagar Palika)
PW6c		Amount of PRO Support	[Rs...]		0						ALL ULB (Nagar Parishad/ Nagar Palika)
PW6d		Infrastructure support by Producers / Brand owners to ULBs	[Nos of Producers] / [None]		None						ALL ULB (Nagar Parishad/ Nagar Palika)
PW6e		No of collection centers established by Producers / Brand owners to ULBs	[Nos] / [None]		None	None		None	None		ALL ULB (Nagar Parishad/ Nagar Palika)

Note: Action to be taken by respective Municipal authorities on all earmarked activities.

ACTION POINTS FOR PLASTIC WASTE MANAGEMENT

S. No.	Action Points	Timelines	Department/ Agencies
1.	Door to Door plastic waste collection.	Regular activity	ULBs
2.	Setting up of decentralized waste processing facilities by bulk waste generators.	NA	ULBs/ Mandi Parishad/ Bus Stand/ Hotels/ Institutions etc.
3.	Plastic waste segregation at Source.	Regular activity	ULBs/Waste generators
4.	Management by Waste Generator (Use of Plastic Carry Bags, Plastic Sheets, extended product life cycle, Cover Made of Plastic Sheets and Multi Layered Packaging).	Immediate	ULBs/
5.	Utilization of Non-recyclable plastic waste (Road Construction, Waste to Fuel, Waste to energy, alternative uses identification etc).	As per requirement	ULBs
6.	Engaging Civil Societies working with Waste Picker.	Immediate	ULBs
7.	Ban on Carry bags and other single use plastics as notified by State Government.	Immediate	ULBs
8.	Ensuring no open burning and littering.	Immediate	ULBs
9.	Submission of Annual Report to CPCB.	Annually	RPCB
10.	Preventing plastic waste entering into water bodies – installation of bar mesh in Nallahs & Drains.	NA	ULBs
11.	Information, Education & Communication (IEC) for plastic waste management.	Regular Activity	ULBs/ NGOs/

1.3- CONSTRUCTION & DEMOLITION-C & D Waste Management:

In India, it is very common to see huge piles of C&D waste, stacked alongside of major roads resulting in traffic jams, congestion and disruption & chocking of drains. Around 30% of the total municipal solid waste generated in the country comprises of C&D waste. The C&D Waste generated in each city would reflect different characteristics based on each city's growth pattern and lifestyle. While retrievable items such as bricks, wood, metal, tiles are recycled, the concrete and masonry waste, accounting for more than 50% of the waste from construction and demolition activities, are not being currently recycled in India. Construction activities occur to build/rebuild new structures or old structures. Demolition activities are growing due to old structures needing restructuring or replacement with time to make way for vertical structures or flats in line with growing needs of the society. All such activities generate C&D waste. Disposal of such debris in a safe environment is a big challenge for the builders, developers, and owners. When on one hand the disposal of debris is a challenge, then, on the other hand, there is an acute shortage of naturally available aggregates for the construction of buildings. Reduction of this demand is possible only with the reusing or recycling of waste generated from the construction activities. For the district the inventory of C&D waste estimated is 15300kg /Day. Municipalities and Gaon Panchayats have been asked to ensure that the wastes are disposed without affecting the nearby Environment.

Present scenario and subsequent planning for Plastic Waste Management (for each ULB) is as follows:

(i) C&D Waste Management Karauli

No.	Action Areas	Details of Data Requirement	Measurable Outcome
	Name of ULB		Municipal Council Karauli
	Population		82960
CD1	Inventory of C&D waste generation		
CD1a		Estimated Quantity	[Not estimated]
CD2	Implement scheme for permitting bulk waste generators		

No.	Action Areas	Details of Data Requirement	Measurable Outcome
CD2a		Issuance of Permissions by ULBs	[Not initiated]
CD3	Establishment of C&D Waste Deposition centers		
CD3a		Establishment of Deposition Points	[]
CD3b		C&D Deposition point identified	[No]
CD4	Implementation of By-Laws for CD Waste Management		
CD4a		Implementation of By-laws	[notified]
CD4b		Collection of Deposition / disposal Charges	[Not initiated]
CD5	Establishment of C&D Waste recycling plant or linkage with such facility		
CD5a		Establishment CD Waste Recycling Plant	[No facility exists]
CD5b		Capacity of CD Waste Recycling Plant	[Not available]

BASELINE DATA FOR CONSTRUCTION & DEMOLITION WASTE HINDAUN

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter measurable outcome for district	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
	Name of ULB		[name of ULB]		Nagar Prishad Hindaun						ALL ULB (Nagar Parishad/ Nagar Palika)
	Population		[Nos as per 2011 census]		105452						ALL ULB (Nagar Parishad/ Nagar Palika)
CD1	Inventory of C&D waste generation										ALL ULB (Nagar Parishad/ Nagar Palika)
CD1a		Estimated Quantity	[Kg/Day] / [Not estimated]		Not estimated						ALL ULB (Nagar Parishad/ Nagar Palika)
CD2	Implement scheme for permitting bulk waste generators										ALL ULB (Nagar Parishad/ Nagar Palika)
CD2a		Issuance of Permissions by ULBs	[Initiated] / [Not initiated]		[Not initiated]						ALL ULB (Nagar Parishad/ Nagar Palika)
CD3	Establishment of C&D Waste Deposition centers										ALL ULB (Nagar Parishad/ Nagar Palika)
CD3a		Establishment of Deposition Points	[Yes] / [No]		YES						ALL ULB (Nagar Parishad/ Nagar Palika)
CD3b		C&D Deposition point identified	[Yes] / [No]		YES						ALL ULB (Nagar Parishad/ Nagar Palika)

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter measurable outcome for district	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
CD4	Implementation of By-Laws for CD Waste Management										ALL ULB (Nagar Parishad/ Nagar Palika)
CD4a		Implementation of By-laws	[notified] / [not notified]		notified						ALL ULB (Nagar Parishad/ Nagar Palika)
CD4b		Collection of Deposition / disposal Charges	[Initiated] / [Not initiated]		Not initiated						ALL ULB (Nagar Parishad/ Nagar Palika)
CD5	Establishment of C&D Waste recycling plant or linkage with such facility										ALL ULB (Nagar Parishad/ Nagar Palika)
CD5a		Establishment CD Waste Recycling Plant	[Established] / [Sent to shared Facility] / [No facility exists]		No facility exists						ALL ULB (Nagar Parishad/ Nagar Palika)
CD5b		Capacity of CD Waste Recycling Plant	[MT/Day] / [Not available]		Not Available						ALL ULB (Nagar Parishad/ Nagar Palika)

Note: Action to be taken by respective Municipal authorities on all earmarked activities (bold).

ACTION PLAN FOR CONSTRUCTION & DEMOLITION WASTE (C&D)

S.No.	Action Points	Timelines	Department/ Agencies
1.	Approval of Waste Management Plan submitted by Waste Generators before Construction starts.	Immediate	ULBs
2.	Proper collection, transportation, processing and disposal of C&D Waste	Immediate	ULBs/ Waste Generator
3.	Provisions for using materials made by C&D Waste in Construction Activity like paving blocks, lower layers of road pavements, colony and rural roads etc.	Immediate	Urban Development & Housing and Town Planning Department.
4.	Information, Education & Communication (IEC) for C&D waste management.	Regular Activity	ULBs/Development Authority/ NGOs/Education department.
5.	Fix rates to be paid by Waste Generators for Collection, Storage & Transportation of Waste.	Immediate	ULBs

BASELINE DATA FOR CONSTRUCTION & DEMOLITION WASTE TODABHIM

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter measurable outcome for district	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
	Name of ULB		[name of ULB]		Nagar Palika Todabhim						ALL ULB (Nagar Parishad/ Nagar Palika)
	Population		[Nos as per 2011 census]		23046						ALL ULB (Nagar Parishad/ Nagar Palika)
CD1	Inventory of C&D waste generation										ALL ULB (Nagar Parishad/ Nagar Palika)
CD1a		Estimated Quantity	[Kg/Day] / [Not estimated]		0.55						ALL ULB (Nagar Parishad/ Nagar Palika)
CD2	Implement scheme for permitting bulk waste generators										ALL ULB (Nagar Parishad/ Nagar Palika)
CD2a		Issuance of Permissions by ULBs	[Initiated] / [Not initiated]		[Not initiated]						ALL ULB (Nagar Parishad/ Nagar Palika)
CD3	Establishment of C&D Waste Deposition centers										ALL ULB (Nagar Parishad/ Nagar Palika)

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter measurable outcome for district	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
CD3a		Establishment of Deposition Points	[Yes] / [No]		YES						ALL ULB (Nagar Parishad/ Nagar Palika)
CD3b		C&D Deposition point identified	[Yes] / [No]		YES						ALL ULB (Nagar Parishad/ Nagar Palika)
CD4	Implementation of By-Laws for CD Waste Management										ALL ULB (Nagar Parishad/ Nagar Palika)
CD4a		Implementation of By-laws	[notified] / [not notified]		notified						ALL ULB (Nagar Parishad/ Nagar Palika)
CD4b		Collection of Deposition / disposal Charges	[Initiated] / [Not initiated]		Not initiated						ALL ULB (Nagar Parishad/ Nagar Palika)
CD5	Establishment of C&D Waste recycling plant or linkage with such facility										ALL ULB (Nagar Parishad/ Nagar Palika)
CD5a		Establishment CD Waste Recycling Plant	[Established] / [Sent to shared Facility] / [No facility]		No facility exists						ALL ULB (Nagar Parishad/ Nagar Palika)

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter measurable outcome for district	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
			exists]								
CD5b		Capacity of CD Waste Recycling Plant	[MT/Day] / [Not available]		Not Available						ALL ULB (Nagar Parishad/ Nagar Palika)

Note: Action to be taken by respective Municipal authorities on all earmarked activities (bold).

ACTION PLAN FOR CONSTRUCTION & DEMOLITION WASTE (C&D)

S.No.	Action Points	Timelines	Department/ Agencies
1.	Approval of Waste Management Plan submitted by Waste Generators before Construction starts.	Immediate	ULBs
2.	Proper collection, transportation, processing and disposal of C&D Waste	Immediate	ULBs/ Waste Generator
3.	Provisions for using materials made by C&D Waste in Construction Activity like paving blocks, lower layers of road pavements, colony and rural roads etc.	Immediate	Urban Development & Housing and Town Planning Department.
4.	Information, Education & Communication (IEC) for C&D waste management.	Regular Activity	ULBs/Development Authority/ NGOs/Education department.
5.	Fix rates to be paid by Waste Generators for Collection, Storage & Transportation of Waste.	Immediate	ULBs

1.4- Bio-Medical Waste Management:

‘Biomedical waste’ (BMW) means any waste, which is generated during the diagnosis, treatment or immunization of human beings or animals or research activities

Present Scenario in the district:

There are 72 bedded hospitals and 38 non bedded health care facilities in the district along with 48 path labs and 16 dental clinics which produces significant amount of Bio Medical Waste.

(i) Biomedical Waste Management (for each ULB) Karauli

No.	Action Areas	Details of Data Requirement	Measurable Outcome
	Name of ULB		Municipal Council Karauli
	Population		82960
BMW1	Inventory of Biomedical Waste Generation		
BMW1a		Total no. of Bedded Hospitals	05
BMW1b		Total no. of non-bedded HCF	18
BMW1c		Total no. Clinics	1
BMW1d		No of Veterinary Hospitals	1

No.	Action Areas	Details of Data Requirement	Measurable Outcome
BMW1e		Pathlabs	12
BMW1f		Dental Clinics	5
BMW1g		Blood Banks	1
BMW1h		Animal Houses	-
BMW1i		Bio-research Labs	-
BMW1j		Others	
BMW2	Authorization of HCFs by SPCBs / PCCs		
BMW2a		Bedded HCFs	05
BMW2b		Non-bedded HCFs	18
BMW3a	Biomedical Waste Treatment and Disposal Facilities (CBMWTFs)		
BMW3a		No of CBMWTFs	No
BMW3b		Linkage with CBMWTFs	[no linkage]
BMW3c		Capacity of CBMWTFs	[Not adequate]
BMW3d		Requirements of CBMWTFs	[not required]
BMW3e		Captive Disposal Facilities of HCFs	[None]
BMW4	Compliance by CBMWTFs		
BMW4a		Compliance to standards	[NA]
BMW4b		Barcode tracking by HCFs / CBMWTFs	partially
BMW4c		Daily BMW lifting by CBMWTFs	0
BMW5	Status of Compliance by Healthcare Facilities		
BMW5a		Pre-segregation	100%
BMW5b		Linkage with CBMWTFs	100%

BASELINE DATA FOR BIO-MEDICAL WASTE MANAGEMENT HINDAUN

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Measurable Outcome For District	ULB 1	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
	Name of ULB		[name of ULB]		CM &HO Hindaun	Nagar Prishad Hindaun						ALL ULB (Nagar Parishad/ Nagar Palika)
	Population		[Nos as per 2011 census]		1	105452						ALL ULB (Nagar Parishad/ Nagar Palika)
BM W1	Inventory of Biomedical Waste Generation											
BM W1a		Total no. of Bedded Hospitals	[Nos] / [No inventory]		200	1						CMHO
BM W1b		Total no. of non-bedded HCF	[Nos] / [No inventory]		0	na						CMHO
BM W1c		Total no. Clinics	[Nos] / [No inventory]		40	No inventory						CMHO
BM W1d		No of Veterinary Hospitals	[Nos] / [No inventory]		1	No inventory						CMHO
BM W1e		Pathlabs	[Nos] / [No inventory]			No inventory						CMHO
BM		Dental	[Nos] /		10	No						CMHO

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Measurable Outcome For District	ULB 1	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
W1f		Clinics	[No inventory]			inventory						
BM W1g		Blood Banks	[Nos] / [No inventory]		0	No inventory						CMHO
BM W1h		Animal Houses	[Nos] / [No inventory]			No inventory		No inventory	No inventory	No inventory	No inventory	ALL ULB (Nagar Parishad/ Nagar Palika)
BM W1i		Bio-research Labs	[Nos] / [No inventory]		0	No inventory		No inventory	No inventory	No inventory	No inventory	CMHO
BM W1j		Others	[Nos] / [No inventory]			No inventory		No inventory	No inventory	No inventory	No inventory	ALL ULB (Nagar Parishad/ Nagar Palika)/CMHO
BM W2	Authorization of HCFs by SPCBs / PCCs											RPCB
BM W2a		Bedded HCFs	[Nos Authorized]			NA		NA	NA	NA	NA	RPCB
BM W2b		Non-bedded HCFs	[Nos Authorized]			NA		NA	NA	NA	NA	RPCB
BM W3a	Biomedical Waste Treatment and Disposal Facilities (CBMWTFs)											

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Measurable Outcome For District	ULB 1	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
BM W3a		No of CBMWTFs	[Nos] / None			NA						RPCB
BM W3b		Linkage with CBMWTFs	[Yes] / [no linkage]			NA						RPCB
BM W3c		Capacity of CBMWTFs	[Adequate] / [Not adequate]			NA						RPCB
BM W3d		Requirements of CBMWTFs	[Require] / [not required]			NA						RPCB
BM W3e		Captive Disposal Facilities of HCFs	[Nos] / [None]			NA						RPCB
BM W4	Compliance by CBMWTFs											RPCB
BM W4a		Compliance to standards	[Meeting] / [Not meeting] / [NA]			NA						RPCB
BM W4b		Barcode tracking by HCFs / CBMWTFs	[100%] / [Partly %] / [None]			NA						RPCB
BM W4c		Daily BMW lifting by CBMWTFs	[Kg / day]			NA						RPCB
BM W5	Status of Compliance by Healthcare											RPCB

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Measurable Outcome For District	ULB 1	ULB 1	ULB 2	ULB 3	ULB4	ULB5	ULB6	Action to be taken by
	Facilities											
BM W5a		Pre-segregation	[100%] / [partly %] / [None]			NA						RPCB
BM W5b		Linkage with CBMWTFs	[100%] / [partly %] / [None]			NA						RPCB

Note: -The CBMWTF should act as per the above immediately and report compliance.

BASELINE DATA FOR BIO-MEDICAL WASTE MANAGEMENT TODABHIM

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Measurable Outcome For District	ULB 1	ULB 1	ULB 2	ULB 3	ULB4	ULB 5	ULB6	Action to be taken by
	Name of ULB		[name of ULB]		CM&HO Hindaun	Nagar Palika Todabhim						ALL ULB (Nagar Parishad/ Nagar Palika)
	Population		[Nos as per 2011 census]		1	23046						ALL ULB (Nagar Parishad/ Nagar Palika)
BMW1	Inventory of Biomedical Waste Generation											
BMW1a		Total no. of Bedded Hospitals	[Nos] / [No inventory]		200	1						CMHO
BMW1b		Total no. of non-bedded HCF	[Nos] / [No inventory]		0	na						CMHO

BMW1c		Total no. Clinics	[Nos] / [No inventory]		40	No inventory						CMHO
BMW1d		No of Veterinary Hospitals	[Nos] / [No inventory]		1	No inventory						CMHO
BMW1e		Pathlabs	[Nos] / [No inventory]			No inventory						CMHO
BMW1f		Dental Clinics	[Nos] / [No inventory]		10	No inventory						CMHO
BMW1g		Blood Banks	[Nos] / [No inventory]		0	No inventory						CMHO
BMW1h		Animal Houses	[Nos] / [No inventory]			No inventory		No inventory	No inventory	No inventory	No inventory	ALL ULB (Nagar Parishad/ Nagar Palika)
BMW1i		Bio-research Labs	[Nos] / [No inventory]		0	No inventory		No inventory	No inventory	No inventory	No inventory	CMHO
BMW1j		Others	[Nos] / [No inventory]			No inventory		No inventory	No inventory	No inventory	No inventory	ALL ULB (Nagar Parishad/ Nagar Palika)/CMHO
BMW2	Authorization of HCFs by SPCBs / PCCs											RPCB
BMW2a		Bedded HCFs	[Nos Authorized]			NA		NA	NA	NA	NA	RPCB
BMW2b		Non-bedded HCFs	[Nos Authorized]			NA		NA	NA	NA	NA	RPCB
BMW3a	Biomedical Waste Treatment and Disposal Facilities (CBMWTFs)											
BMW3a		No of CBMWTFs	[Nos] / None			NA						RPCB
BMW3b		Linkage with CBMWTFs	[Yes] / [no linkage]			NA						RPCB

BMW3c		Capacity of CBMWTFs	[Adequate] / [Not adequate]			NA						RPCB
BMW3d		Requirements of CBMWTFs	[Require] / [not required]			NA						RPCB
BMW3e		Captive Disposal Facilities of HCFs	[Nos] / [None]			NA						RPCB
BMW4	Compliance by CBMWTFs											RPCB
BMW4a		Compliance to standards	[Meeting] / [Not meeting] / [NA]			NA						RPCB
BMW4b		Barcode tracking by HCFs / CBMWTFs	[100%] / [Partly %] / [None]			NA						RPCB
BMW4c		Daily BMW lifting by CBMWTFs	[Kg / day]			NA						RPCB
BMW5	Status of Compliance by Healthcare Facilities											RPCB
BMW5a		Pre-segregation	[100%] / [partly %] / [None]			NA						RPCB
BMW5b		Linkage with CBMWTFs	[100%] / [partly %] / [None]			NA						RPCB

Note: -The CBMWTF should act as per the above immediately and report compliance.

ACTION PLAN FOR BIO-MEDICALWASTE

S. No.	Action Points	Timelines	Department/ Agencies
1.	Segregation of Bio Medical Waste (BMW) at source of generation in specified Color Coded bags as per Biomedical Waste Management Rule, 2016	Regular Activities	Health Department/ HCFs
2.	GPS enabled vehicles for Biomedical wastes transportation	Immediate	Health Department/RPCB/ CBWTFs
3.	Implementation of Rules in HCFs & Occupiers.	Immediate	Health Department/ RPCB
4.	Collection of Solid Waste other than BMW from HCFs	Immediate	CBWTFs
5.	<ul style="list-style-type: none"> • Authorization to HCFs and Occupiers • Submission of Annual report to CPCB. 	Immediate	RPCB
6.	Mass awareness campaigns and extensive training programs.	Regular Activity	Health Department
7.	<ul style="list-style-type: none"> • BMW from HCFs Transported, Treated & disposed of in accordance with Rules. • Establish Bar coding & Global Positioning system for handling of BMW. • Training to all workers. Assist Occupier in Training. • Supply Non Chlorinated coloured Plastic Bags to Occupiers. 	Immediate	CBWTFs
8.	<ul style="list-style-type: none"> • Ensure BMW handling as per Rule. • Safe, Ventilated & Secured In house Storage of BMW. • No mixing of BMW with MSW. • Bar code system for Bio-medical waste collection Bags. 	Regular Activity	Occupiers/ HCFs/ CBWTFs
9.	Information, Education & Communication (IEC) for Bio-medical waste management.	Regular Activity	Health Department/ NGOs/Education Department

1.5 - Hazardous Waste Management:

“Hazardous waste” means any waste which by reason of characteristics such as physical, chemical, biological, reactive, toxic, flammable, explosive or corrosive, causes danger or is likely to cause danger to health or environment, whether alone or in contact with other wastes or substances,

Present Scenario in the district:

(i) Hazardous Waste Management Karauli

No.	Action Areas	Details of Data Requirement	Measurable Outcome
HW1	Inventory of Hazardous Waste		
HW1a		No of HW Generating Industry	0
HW1b		Quantity of HW	[OMT/Annum]
HW1c		Quantity of Incinerable HW	[OMT/Annum]
HW1d		Quantity of land-fillable HW	[OMT/Annum]
HW1e		Quantity of Recyclable / utilizable HW	[OMT/Annum]
HW2	Contaminated Sites and illegal industrial hazardous waste dumpsites		
HW2a		No of HW dumpsites	[None]
HW2c		Probable Contaminated Sites	0
HW3	Authorization by SPCBs/PCCs		
HW3a		No of industries authorized	0
HW3b		Display Board of HW Generation in front of Gate	0
HW3	Availability of Common Hazardous Waste TSDF		
HW3a		Common TSDF	[No]
HW3b		Industries linkage with TSDF	0
HW4	Linkage of ULBs in District with Common TSDF		
HW4a		ULBs linked to Common TSDFs for Domestic Hazardous Waste	[No]

BASELINE DATA FOR HAZARDOUS WASTEMANAGEMENT HINDAUN

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Measurable Outcome For District	Action to be taken by
HW1	Inventory of Hazardous Waste				RPCB
HW1a		No of HW Generating Industry	[Nos.]		RPCB
HW1b		Quantity of HW	[MT/Annum]		RPCB
HW1c		Quantity of Incinerable HW	[MT/Annum]		RPCB
HW1d		Quantity of land-fillable HW	[MT/Annum]		RPCB
HW1e		Quantity of Recyclable / utilizable HW	[MT/Annum]		RPCB
HW2	Contaminated Sites and illegal industrial hazardous waste dumpsites				RPCB
HW2a		No of HW dumpsites	[Nos] / [None]		RPCB
HW2c		Probable Contaminated Sites	[Nos] (provide list)		RPCB
HW3	Authorization by SPCBs/PCCs				RPCB
HW3a		No of industries authorized	[Nos]		RPCB
HW3b		Display Board of HW Generation in front of Gate	[Nos]		RPCB
HW3	Availability of Common Hazardous Waste TSDF				RPCB
HW3a		Common TSDF	[Exists] / [No] / [Sent to Other District within State]	[No] / [Sent to Other District within State]	RPCB
HW3b		Industries linkage with TSDF	[Nos.]		RPCB
HW4	Linkage of ULBs in District with Common TSDF				ALL ULB (Nagar Parishad/ Nagar Palika)
HW4a		ULBs linked to Common TSDFs for Domestic Hazardous Waste	[Yes] / [No]		ALL ULB (Nagar Parishad/ Nagar Palika)

BASELINE DATA FOR HAZARDOUS WASTEMANAGEMENT TODABHIM

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Measurable Outcome For District	Action to be taken by
HW1	Inventory of Hazardous Waste				RPCB
HW1a		No of HW Generating Industry	[Nos.]		RPCB
HW1b		Quantity of HW	[MT/Annum]		RPCB
HW1c		Quantity of Incinerable HW	[MT/Annum]		RPCB
HW1d		Quantity of land-fillable HW	[MT/Annum]		RPCB
HW1e		Quantity of Recyclable / utilizable HW	[MT/Annum]		RPCB
HW2	Contaminated Sites and illegal industrial hazardous waste dumpsites				RPCB
HW2a		No of HW dumpsites	[Nos] / [None]		RPCB
HW2c		Probable Contaminated Sites	[Nos] (provide list)		RPCB
HW3	Authorization by SPCBs/PCCs				RPCB
HW3a		No of industries authorized	[Nos]		RPCB
HW3b		Display Board of HW Generation in front of Gate	[Nos]		RPCB
HW3	Availability of Common Hazardous Waste TSDF				RPCB
HW3a		Common TSDF	[Exists] / [No] / [Sent to Other District within State]	[No] / [Sent to Other District within State]	RPCB
HW3b		Industries linkage with TSDF	[Nos.]		RPCB
HW4	Linkage of ULBs in District with Common TSDF				ALL ULB (Nagar Parishad/ Nagar Palika)
HW4a		ULBs linked to Common TSDFs for Domestic Hazardous Waste	No		ALL ULB (Nagar Parishad/ Nagar Palika)

1.6 -E- Waste Management:

Electronic waste or e-waste describes discarded electrical or electronic devices. Used electronics which are destined for refurbishment, reuse, resale, salvage recycling through material recovery, or disposal are also considered e-waste

At present E-waste management is in nascent stage in the district and only informal trading, dismantling, and recycling of e-waste exists in the District.

Present Scenario in the district:

(i) E-Waste Waste Management Karauli

No.	Action Areas	Details of Data Requirement	Measurable Outcome
EW1	Status of facilitating authorized collection of E-Waste		
EW1a		Does the citizen are able to deposit or provide E-Waste through Toll-free Numbers in the District	[No]
EW1c		Collection centers established by ULB in District	[None]
EW1d		Collection centers established by Producers or their PROs in the District	[None]
EW1e		Does the district has linkage with authorized E-Waste recyclers / Dismantler	[No]
EW1f		No authorized E-Waste recyclers / Dismantler	[None]
EW2	Status of Collection of E-Waste		
EW2a		Authorizing E-Waste collectors	[None]
EW2b		Involvement of NGOs	[No]
EW2c		Does Producers have approached NGOs/ Informal Sector for setting up Collection Centers.	[No]
EW2d		Does ULBs have linkage with authorized Recyclers / Dismantlers	[No]
EW4	Control E-Waste related pollution		
EW4a		Does informal trading, dismantling, and recycling of e- waste exists in District	[No]

EW4b		Does the administration closed illegal E-Waste recycling in the District	[No]
EW4c		No of actions taken to close illegal trading or processing of E-Waste	0
EW5	Creation of Awareness on Waste handling and dispo		
EW5a		Does PROs / Producers conducted any District level Awareness Campaigns	no
EW5c		Does District Administration conducted any District level Awareness Campaigns	no

BASELINE DATA FOR E- WASTE MANAGEMENT

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Measurable Outcome For District	Action to be taken by
EW1	Status of facilitating authorized collection of E-Waste				ALL ULB (Nagar Parishad/ Nagar Palika)
EW1a		Does the citizen are able to deposit or provide E-Waste through Toll-free Numbers in the District	[Yes] / [No]	No	ALL ULB (Nagar Parishad/ Nagar Palika)
EW1c		Collection centers established by ULB in District	[Nos] / [None]	None	ALL ULB (Nagar Parishad/ Nagar Palika)
EW1d		Collection centers established by Producers or their PROs in the District	[Nos] / [None]	None	ALL ULB (Nagar Parishad/ Nagar Palika)
EW1e		Does the district has linkage with authorized E-Waste recyclers / Dismantler	[Yes] / [No]	No	ALL ULB (Nagar Parishad/ Nagar Palika)
EW1f		No authorized E-Waste recyclers / Dismantler	[Nos] / [None]	None	ALL ULB (Nagar Parishad/ Nagar Palika)
EW2	Status of Collection of E-Waste				
EW2a		Authorizing E-Waste collectors	[Authorized] / [None]	None	RPCB
EW2b		Involvement of NGOs	[Yes] / [No] / [Nos]	No	RPCB
EW2c		Does Producers have approached NGOs/ Informal Sector for setting up Collection Centers.	[Yes] / [No] / [Nos]	No	RPCB
EW2d		Does ULBs have linkage with authorized Recyclers / Dismantlers	[Yes] / [No]	No	ALL ULB (Nagar Parishad/ Nagar Palika)

EW4	Control E-Waste related pollution				
EW4a		Does informal trading, dismantling, and recycling of e-waste exists in District	[Yes] / [No]	No	RPCB
EW4b		Does the administration closed illegal E-Waste recycling in the District	[Yes] / [No] / [Nos]	No	ALL ULB (Nagar Parishad/ Nagar Palika)
EW4c		No of actions taken to close illegal trading or processing of E-Waste	[Nos]	0	RPCB
EW5	Creation of Awareness on E-Waste handling and disposal				ALL ULB (Nagar Parishad/ Nagar Palika)
EW5a		Does PROs / Producers conducted any District level Awareness Campaigns	[Yes] / [No] / [Nos]	No	ALL ULB (Nagar Parishad/ Nagar Palika)
EW5c		Does District Administration conducted any District level Awareness Campaigns	[Yes] / [No] / [Nos]	No	ALL ULB (Nagar Parishad/ Nagar Palika)

ACTION PLAN FOR E-WASTE MANAGEMENT HINDAUN

S. No.	Action Points	Timelines	Department/ Agencies
1.	Collection, Segregation and Channelization of e-waste pertaining to orphan products to recyclers/dismantlers	Immediate	ULBs
2.	Segregation of E-waste at source from MSW	Regular Activity	ULBs/Waste Generator
3.	Ensure no illegal e-waste processing No dumping of e-waste, HW & other wastes on banks of river No illegal transportation of e-waste.	Immediate	District Administration /ULBs/PCRB/RTO
4.	Information, Education & Communication (IEC) for E-waste Management.	Regular Activity	ULBs/Development Authority/ NGOs/Education department
5.	Authorization to Manufacturers, Dismantlers, Recyclers, Refurbishes.	Immediate	RPCB
6.	Earmarking or allocation of industrial space or shed, abandoned mills/factories for e-waste dismantling/recycling units in industrial clusters	Immediate	Department of Industries.

BASELINE DATA FOR E- WASTE MANAGEMENT

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Measurable Outcome For District	Action to be taken by
EW1	Status of facilitating authorized collection of E-Waste				ALL ULB (Nagar Parishad/ Nagar Palika)
EW1a		Does the citizen are able to deposit or provide E-Waste through Toll-free Numbers in the District	[Yes] / [No]	No	ALL ULB (Nagar Parishad/ Nagar Palika)
EW1c		Collection centers established by ULB in District	[Nos] / [None]	None	ALL ULB (Nagar Parishad/ Nagar Palika)
EW1d		Collection centers established by Producers or their PROs in the District	[Nos] / [None]	None	ALL ULB (Nagar Parishad/ Nagar Palika)
EW1e		Does the district has linkage with authorized E-Waste recyclers / Dismantler	[Yes] / [No]	No	ALL ULB (Nagar Parishad/ Nagar Palika)
EW1f		No authorized E-Waste recyclers / Dismantler	[Nos] / [None]	None	ALL ULB (Nagar Parishad/ Nagar Palika)
EW2	Status of Collection of E-Waste				
EW2a		Authorizing E-Waste collectors	[Authorized] / [None]	None	RPCB
EW2b		Involvement of NGOs	[Yes] / [No] / [Nos]	No	RPCB
EW2c		Does Producers have approached NGOs/ Informal Sector for setting up Collection Centers.	[Yes] / [No] / [Nos]	No	RPCB
EW2d		Does ULBs have linkage with authorized Recyclers / Dismantlers	[Yes] / [No]	No	ALL ULB (Nagar Parishad/ Nagar Palika)
EW4	Control E-Waste related pollution				
EW4a		Does informal trading, dismantling, and recycling of e-waste exists in District	[Yes] / [No]	No	RPCB
EW4b		Does the administration closed illegal E-Waste recycling in the District	[Yes] / [No] / [Nos]	No	ALL ULB (Nagar Parishad/ Nagar Palika)
EW4c		No of actions taken to close illegal trading or processing of E-Waste	[Nos]	0	RPCB
EW5	Creation of Awareness on E-Waste handling and disposal				ALL ULB (Nagar Parishad/ Nagar Palika)
EW5a		Does PROs / Producers conducted any District level Awareness Campaigns	[Yes] / [No] / [Nos]	No	ALL ULB (Nagar Parishad/ Nagar Palika)
EW5c		Does District Administration conducted any District level Awareness Campaigns	[Yes] / [No] / [Nos]	No	ALL ULB (Nagar Parishad/ Nagar Palika)

ACTION PLAN FOR E-WASTE MANAGEMENT TODABHIM

S. No.	Action Points	Timelines	Department/ Agencies
1.	Collection, Segregation and Channelization of e-waste pertaining to orphan products to recyclers/dismantlers	Immediate	ULBs
2.	Segregation of E-waste at source from MSW	Regular Activity	ULBs/Waste Generator
3.	Ensure no illegal e-waste processing No dumping of e-waste, HW & other wastes on banks of river No illegal transportation of e-waste.	Immediate	District Administration /ULBs/RPCB/RTO
4.	Information, Education & Communication (IEC) for E-waste Management.	Regular Activity	ULBs/Development Authority/NGOs/Education department
5.	Authorization to Manufacturers, Dismantlers, Recyclers, Refurbishes.	Immediate	RPCB
6.	Earmarking or allocation of industrial space or shed, abandoned mills/factories for e-waste dismantling/recycling units in industrial clusters	Immediate	Department of Industries.

2.0 Water Quality Management Plan Karauli

No.	Action Areas	Details of Data Requirement	Measurable Outcome
WQ1	Inventory of water resources in District		
WQ1a		Rivers	1
WQ1b		Length of Coastline	4km.
WQ1c		Nalas/Drains meeting Rivers	0
WQ1d		Lakes / Ponds	4
WQ1e		Total Quantity of sewage and industrial discharge in District	1.5
	Control of Groundwater Water Quality		
WQ2a		Estimated number of bore-wells	60
WQ2b		No of permissions given for extraction of groundwater	0
WQ2c		Number of groundwater polluted areas	0

WQ2d		Groundwater Availability	[not adequate]
WQ3	Availability of Water Quality Data		
WQ3a		Creation of monitoring cell	no
WQ3b		Access to Surface water and groundwater quality data at DM office	[Not available]
WQ4	Control of River side Activities		
WQ4a	Control of River side Activities	River Side open defecation	[no]
WQ4b		Dumping of SW on river banks	[no]
WQ4c		Control measures for idol immersion	[No]
WQ5	Control of Water Pollution in Rivers		
WQ5a		Percentage of untreated sewage	0
WQ5b		Monitoring of Action Plans for Rejuvenation of Rivers	[no]
WQ5c		No of directions given to industries for Discharge of Untreated industrial wastewater in last 12 months	0
WQ6	Awareness Activities		
WQ6a		District level campaigns on protection of water quality	0
WQ6b	Oil Spill Disaster Contingency Plan		
WQ6a		Creation of District Oil Spill Crisis Management Group	No
WQ6b		Preparation District Oil Spill Disaster Contingency Plan	[No]
WQ7	Protection of Flood plains		
WQ7a		Encroachment of flood plains is regulated.	[No]
	Rainwater Harvesting		
WQ8a		Action plan for Rain water harvesting	Progress under mjsa & jsa Scheme

BASELINE DATA FOR WATER QUALITY MANAGEMENT HINDAUN

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Measurable Outcome For District	Action to be taken by
WQ1	Inventory of water resources in District				
WQ1a		Rivers	[Nos] and [Length in Km]	0	Water Resources Department
WQ1b		Length of Coastline	[in Km]	NIL	Water Resources Department
WQ1c		Nalas/Drains meeting Rivers	[Nos]	NIL	Water Resources Department
WQ1d		Lakes / Ponds	[Nos] and [Area in Hectares]	2	Water Resources Department
WQ1e		Total Quantity of sewage and industrial discharge in District	[Automatic] (SW1a+IW1b)	40 MT/DAY	Water Resources Department
	Control of Groundwater Water Quality				
WQ2a		Estimated number of bore-wells	[Nos]	93	Ground water department
WQ2b		No of permissions given for extraction of groundwater	[Nos]	93	Ground water department
WQ2c		Number of groundwater polluted areas	[Nos]	NA	Ground water department
WQ2d		Groundwater Availability	[adequate] / [not adequate]	adequate	Ground water department
WQ3	Availability of Water Quality Data				
WQ3a		Creation of monitoring cell	[Yes] / [No]	YES	Ground water department
WQ3b		Access to Surface water and groundwater quality data at DM office	[Available] or [Not available]	Not available	Ground water department
WQ4	Control of River side Activities				
WQ4a	Control of River side Activities	River Side open defecation	[Fully Controlled] / [Partly controlled] / [no Measures taken]	Fully Controlled	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ4b		Dumping of SW on river banks	[Fully Controlled] / [Partly controlled] / [no Measures taken]	Fully Controlled	ALL ULB (Nagar Parishad/ Nagar Palika)

WQ4c		Control measures for idol immersion	[Measures taken] / [Measures taken post immersion] / [No Measures taken]	measures taken	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ5	Control of Water Pollution in Rivers				
WQ5a		Percentage of untreated sewage	[%] (automatic SM1g/SM1a)	2 MLD	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ5b		Monitoring of Action Plans for Rejuvenation of Rivers	[Monitored] / [Not monitored] [not applicable]	not applicable	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ5c		No of directions given to industries for Discharge of Untreated industrial wastewater in last 12 months	[Nos]	NA	RPCB
WQ6	Awareness Activities				
WQ6a		District level campaigns on protection of water quality	[Nos in previous year]	NA	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ6b	Oil Spill Disaster Contingency Plan				ALL ULB (Nagar Parishad/ Nagar Palika)
WQ6a		Creation of District Oil Spill Crisis Management Group	[Created] / [Not Created]	NA	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ6b		Preparation District Oil Spill Disaster Contingency Plan	[Prepared] / [Not Prepared]	NA	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ7	Protection of Flood plains				
WQ7a		Encroachment of flood plains is regulated.	[Yes] / [No]	YES	ALL ULB (Nagar Parishad/ Nagar Palika)
	Rainwater Harvesting				
WQ8a		Action plan for Rain water harvesting	[Implemented] / [Not implemented]	Implemented	ALL ULB (Nagar Parishad/ Nagar Palika)

Note: Action to be taken by respective Municipal authorities on all earmarked activities (bold).

BASELINE DATA FOR WATER QUALITY MANAGEMENT

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Measurable Outcome For District	Action to be taken by
WQ1	Inventory of water resources in District				
WQ1a		Rivers	[Nos] and [Length in Km]	0	Water Resources Department
WQ1b		Length of Coastline	[in Km]	NIL	Water Resources Department
WQ1c		Nalas/Drains meeting Rivers	[Nos]	NIL	Water Resources Department
WQ1d		Lakes / Ponds	[Nos] and [Area in Hectares]	0	Water Resources Department
WQ1e		Total Quantity of sewage and industrial discharge in District	[Automatic] (SW1a+IW1b)	0	Water Resources Department
	Control of Groundwater Water Quality				
WQ2a		Estimated number of bore-wells	[Nos]	12	Ground water department
WQ2b		No of permissions given for extraction of groundwater	[Nos]	12	Ground water department
WQ2c		Number of groundwater polluted areas	[Nos]	NA	Ground water department
WQ2d		Groundwater Availability	[adequate] / [not adequate]	adequate	Ground water department
WQ3	Availability of Water Quality Data				
WQ3a		Creation of monitoring cell	[Yes] / [No]	YES	Ground water department
WQ3b		Access to Surface water and groundwater quality data at DM office	[Available] or [Not available]	Not available	Ground water department
WQ4	Control of River side Activities				
WQ4a	Control of River side Activities	River Side open defecation	[Fully Controlled] / [Partly controlled] / [no Measures taken]	NA	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ4b		Dumping of SW on river	[Fully Controlled] /	NA	ALL ULB (Nagar Parishad/ Nagar

		banks	[Partly controlled] / [no Measures taken]		Palika)
WQ4c		Control measures for idol immersion	[Measures taken] / [Measures taken post immersion] / [No Measures taken]	NA	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ5	Control of Water Pollution in Rivers				
WQ5a		Percentage of untreated sewage	[%] (automatic SM1g/SM1a)	NA	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ5b		Monitoring of Action Plans for Rejuvenation of Rivers	[Monitored] / [Not monitored] [not applicable]	NA	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ5c		No of directions given to industries for Discharge of Untreated industrial wastewater in last 12 months	[Nos]	NA	RPCB
WQ6	Awareness Activities				
WQ6a		District level campaigns on protection of water quality	[Nos in previous year]	NA	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ6b	Oil Spill Disaster Contingency Plan				ALL ULB (Nagar Parishad/ Nagar Palika)
WQ6a		Creation of District Oil Spill Crisis Management Group	[Created] / [Not Created]	NA	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ6b		Preparation District Oil Spill Disaster Contingency Plan	[Prepared] / [Not Prepared]	NA	ALL ULB (Nagar Parishad/ Nagar Palika)
WQ7	Protection of Flood plains				
WQ7a		Encroachment of flood plains is regulated.	[Yes] / [No]	NA	ALL ULB (Nagar Parishad/ Nagar Palika)
	Rainwater Harvesting				
WQ8a		Action plan for Rain water harvesting	[Implemented] / [Not implemented]	Implemented	ALL ULB (Nagar Parishad/ Nagar Palika)

Note: Action to be taken by respective Municipal authorities on all earmarked activities (bold).

3.0 Domestic Sewage Management Plan

No.	Action Areas	Details of Data Requirement	Measurable Outcome
SM1	Inventory of Sewage Management		
SM1a		Total Quantity of Sewage generated in District from Class II cities and above	0
SM1b		No of Class-II towns and above	0
SM1c		No of Class-I towns and above	0
SM1d		No of Towns needing STPs	0
SM1e		No of Towns STPs installed	0
SM1f		Quantity of treated sewage flowing into Rivers (directly or indirectly)	[0 MLD]
SM1g		Quantity of untreated or partially treated sewage (directly or indirectly)	0
SM1h		Quantity of sewage flowing into lakes	[0MLD]
SM1i		No of industrial townships	0
SW2	Adequacy of Available Infrastructure for Sewage Treatment		
SM2a		% sewage treated in STPs	60%
SM2b		Total available Treatment Capacity	[5MLD]
SM2c		Additional treatment capacity required	[10MLD]
SM3	Adequacy of Sewerage Network		
SM3a		No of ULBs having partial underground sewerage network	12
SM3b		No of towns not having sewerage network	0
SM3c		% population covered under sewerage network	25000

4.0 Industrial Wastewater Management Plan

No.	Action Areas	Details of Data Requirement	Measurable Outcome
IWW1	Inventory of industrial wastewater Generation in District		
IWW1a		No of Industries discharging wastewater	0
IWW1b		Total Quantity of industrial wastewater generated	[0MLD]
IWW1c		Quantity of treated IWW discharged into Nalas / Rivers	[0MLD]
IWW1d		Quantity of un-treated or partially treated IWW discharged into lakes	[0MLD]
IWW1e		Prominent Type of Industries	[Automobile] : Multiple selection based on size of operation and number
IWW1f		Common Effluent Treatment Facilities	[No CETPs]
IWW2	Status of compliance by Industries in treating wastewater		
IWW2a		No of Industries meeting Standards	0
IWW2b		No of Industries not meeting discharge Standards	[Automatic]
IWW2c		No of complaints received or number of recurring complaints against industrial pollution in last 3 months	0
AWW4	Status of Action taken for not meeting discharge standards		
IWW4a		No industries closed for exceeding standards in last 3 months	0
IWW4b		No of industries where Environmental Compensation was imposed By SPCBs	0

5.0 Air Quality Management Plan

No.	Action Areas	Details of Data Requirement	Measurable Outcome
AQ1	Availability of Air Quality Monitoring Network in District		
AQ1a		Manual Air Quality monitoring stations of SPCBs /CPCB	none
AQ1c		Automatic monitoring stations Operated by SPCBs / CPCB	none
AQ2	Inventory of Air Pollution Sources		
AQ2a		Identification of prominent air polluting sources	nil
AQ2b		No of Non-Attainment Cities	[None]
AQ2c		Action Plans for non-attainment cities	[Not yet prepared]
AQ3	Availability of Air Quality Monitoring Data at DMs Office		
AQ3a		Access to air quality data from SPCBs & CPCB through Dashboard	[Not yet Available]
AQ4	Control of Industrial Air Pollution		
AQ4a		No of Industries meeting Standards	0
AQ4b		No of Industries not meeting discharge Standards	0
q	Control of Non-industrial Air Pollution sources		
AQ5a		Control open burning of Stubble – during winter	0
AQ5b		Control Open burning of Waste – Nos of actions Taken	0
AQ5c		Control of forest fires	[No SoP]
AQ5d		Vehicle pollution check centers	0
AQ5e		Dust Suppression Vehicles	0
AQ6	Development of Air Pollution complaint redressal system		
AQ6a		Mobile App / Online based air pollution complaint redressing system of SPCBs.	[Not available]

6.0 Mining Activity Management plan

No.	Action Areas	Details of Data Requirement	Measurable Outcome
MI1a	Inventory of Mining in District		
MI1a		Type of Mining Activity	nil
MI1b		No of Mining licenses given in the District	0
MI1c		Area covered under mining	0
MI1d		Area of District	0
MI1e		Sand Mining	no
MI1f		Area of sand Mining	[No
MI2	Compliance to Environmental Conditions		
MI2a		No of Mining areas meeting Environmental Clearance Conditions	0
MI2b		No of Mining areas meeting Consent Conditions of SPCBs / PCCs	0
MI3a	Mining related environmental Complaints		
MI3b		No of pollution related complaints against Mining Operations in last 1 year	0
MI4	Action against non-complying mining activity		
MI4a		No of Mining operations suspended for violations to environmental norms	0
MI4b		No of directions issued by SPCBs	0

7.0 Noise Pollution Management Plan

No.	Action Areas	Details of Data Requirement	Measurable Outcome
NP1	Availability Monitoring equipment		
NP1a		No. of noise measuring devices with district administration	[None]
NP1b		No. of noise measuring devices with SPCBs	[None]
NP2	Capability to conduct noise level monitoring by State agency / District authorities		
NP2a		capability to conduct noise level monitoring by State agency / District authorities	[Not available]
NP2	Management of Noise related complaints		
NP2a		No of complaints received on noise pollution in last 1 year	0
NP2b		No of complaints redressed	0
NP3	Compliance to ambient noise standards		
NP3a		Implementation of Ambient noise standards in residential and silent zones	[Never]
NP3b		Noise monitoring study in district	[not carried out]
NP3c		Sign boards in towns and cities in silent zones	[Not Installed]

Chapter 8 . Prevention of Illegal sand mining

The Karauli district is located in the eastern part of Rajasthan. It is bounded in the north by Dausa and Bharatpur districts, in the east by Dhaulpur district, south by state of Madhya Pradesh and Sawai Madhopur district in the west. This district is part of four river basins namely 'Gambhir River Basin', 'Banas River Basin', 'Chambal River Basin' and 'Parbati River Basin'. In present A total of 258 mining leases of Mineral sandstone, masonry stone, silica sand, white clay. China Clay, Ordinary Khadia are approved. In district to prevent of illegal mining of bajri district administration is taking strict actions and penalties.

Details of Action taken by this office with respect to prevention of illegal mining and number of registered case are given below

1- mineral bajri

s.no	Time	Illegal mining	Illegal transport	Illegal stock	Total	Amount recovered	Registered FIR in concerned police station
1	2018&19	2	214	7	223	70-46	24
2	2019&20	2	268	9	279	170-60	8
3	2020&21 till 8-3-21	2	174	20	196	123-14	5

2- all mineral including bajri

s.no	Time	Illegal mining	Illegal transport	Illegal stock	Total	Amount recovered	Registered FIR in concerned police station
1	2018&19	10	223	7	240	75-39	25
2	2019&20	4	316	9	329	218-95	10
3	2020&21 till 8-3-21	3	232	20	255	176-95	5

Forest Department Division Karauli: -

Budget Requirement for Protection of Illegal Mining and Non-Forestry activities

S.No	Name of Item	Quantity	Budget (in lac.)
1	Control Room (for Protection of Illegal mining and other Non-Forestry activities)- Building, Man with machine (Desktop/Laptop), W.C. with water facilities, wireless facilities Basic Phone, etc.	LS	25.00
2	Check post – Khori and Nadoti,Hindaun Building with W.C. and water facility, Compound protection wall Fencing with Gate , watch Tower, etc.	LS	50.00
3	Illegal activities Protection Naka Building with W.C. and water facility, Compound protection wall fencing with Gate , watch Tower, Parking Yard campus	LS	150.00
4	Illegal activities Protection vehicle for mobility, ie.- Camper/Jeep-7, Mini Bus-1, Motor cycle-10, bycycle-40	LS	130.00
5	Arms for Forest offence Protection Revolver/Pistol-12 0.65mm Gun 315 Borr-20	Proreta	30.00
6	Surveillance activities for forest protection and conservation 1-camera-70, 2-Binocular-70,	Proreta	50.00
7	Hiring of machineries for protection illegal Mining, Transport, Stock, activities – (JCB, Tractor, Troly, hydra, etc)	LS	120.00
8	Incentive for Informer (for Illegal activities Protection as- mining, wood cutting, illegal hunting, forest Fire, Trace passer, etc.)	Proreta	20.00
9	Mis. Expenditure	Proreta	20.00
	Total		595.00

(Ajay Chittora)
DCF, KARAU LI

Budget Requirement for District Environment Plan

KARAULI (RAJ.)

S.No	Name of Dept.	Budget (in lac.)
1	Dist. Admn.	0.00
2	Forest Division Karauli	595.00
3	ULBs Karauli	840.00
4	ULBs Hindaun	2000.00
5	ULBs Todabhim	150.00
6	CMHO	30.00
7	GM DIC	0.00
8	RIICO	50.00
9	PWD	0.00
10	PHED	50.00
11	WRD	200.00
12	CEO	300.00
13	PCB	100.00
14	POLICE	1.85
15	DTO	0.25
16	DIPRO	10.00
17	NGOs	80.00
	Total	4407.10

Extra/Addition budget demand may be sent as per actual work in relevant year, in which work will be done.

कार्यालय उप वन संरक्षक, करौली(राज0)

(गदका की चौकी, करौली-322241, Email: dcf.kroli.forest@rajasthan.gov.in, Ph. 07464-297003)

क्रमांक एफ ()विकास/उ.व.सं./2020-21/

दिनांक:-

निमित्त :-

संयुक्त शासन सचिव

पर्यावरण विभाग,

शासन सचिवालय जयपुर (राज0)

विषय:- डिस्ट्रिक एनवायरमेन्ट प्लान के सम्बंध में।

संदर्भ:- जिला कलक्टर, करौली का पत्रांक 7815 दिनांक 18.08.2020 के क्रम में।

महोदय,

उपरोक्त विषयान्तर्गत संदर्भित पत्र के क्रम निवेदन है कि पर्यावरण विभाग एवं माननीय नेशनल ग्रीन ट्रिब्यूनल द्वारा समय-समय पर जारी आदेशों/निर्देशों की पालना में डिस्ट्रिक एनवायरमेन्ट प्लान तैयार कर श्रीमान की सेवा में आवश्यक कार्यवाही हेतु संलग्न प्रेषित है।

संलग्न :- उपरोक्तानुसार

भवदीय

(अजय चितौडा)
उप वन संरक्षक
करौली

क्रमांक/सम/

दिनांक:-

प्रतिलिपि:- श्रीमान जिला कलक्टर, करौली को उनके संदर्भित पत्र के क्रम में सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है।

उप वन संरक्षक
करौली