

# **DISTRICT ENVIRONMENT PLAN**

For

**Jodhpur District**



**Submitted by:**

**District Collector and District Magistrate**

**Jodhpur**

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## **Introduction**

Hon'ble National Green Tribunal, New Delhi has passed an order on 15-07-2019 in O.A. No. 710/2017 titled as Shailesh Singh Versus Sheela Hospital and Trauma Centre Shahjahanpur that it is necessary to have a **District Environment Plan** to be operated by the District Committee and further vide order dated 26-06-2019 in O.A. No. 360 of 2018 filed by Shree Nath Sharma Vs Union of India and others directed that CPCB shall facilitate the District Magistrates in preparation of District Environmental Plan by placing model plan on its website. This model plan may be adopted as per local requirements by all District under supervision of District Magistrate.

In Compliance of above NGT Orders and in pursuance of Department of Forest and Environment, GoR letter dated 07-08-2020, District environment plan for Jodhpur district has been prepared based on basic information provided by members of district environment committee covering 9 thematic areas, which are essential part of this plan.

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 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
8. Prevention of Illegal Sand Mining

## Brief Profile of the District

### Location & Geographical Area

<b>Geographical Area</b>	<b>Total</b>	22,850.00 sqkm
	<b>Rural</b>	17,870.00 sqkm(approx.)
	<b>Urban</b>	4,980.00 sqkm(approx.)
<b>Location</b>	<b>North Longitude</b>	Between 26°00' to 27°37'
	<b>East Longitude</b>	Between 72°55' to 73°52'
<b>Temperature</b>	<b>Maximum</b>	49° C
	<b>Minimum</b>	4° C
	<b>Average Rainfall</b>	360 millimetres (14 inch)
	<b>Sea Level</b>	250 - 300 Meters Above Sea level

### Administrative set up

<b>Sub Division</b>	Total 11 Sub Divisions : 1. Jodhpur; 2.Bap; 3.Balesar; 4.Bawri; 5.Bhopalgarh; 6.Bilara; 7.Luni; 8.Osian; 9.Phalodi; 10.Pipar City; 11.Shergarh.
<b>Tehsils</b>	Total 13 Tehsils : 1. Jodhpur; 2.Bap; 3.Balesar; 4.Bawri; 5.Bhopalgarh; 6.Bilara; 7.Luni; 8.Osian; 9.Phalodi; 10.Pipar City; 11.Shergarh; 12.Lohawat; 13.Tiwari.
<b>Sub Tehsils</b>	8
<b>Panchayat Samitis</b>	Total 16 Panchayat Samitis : 1. Bapini; 2.Bap; 3.Balesar; 4.Bawri; 5.Bhopalgarh; 6.Bilara;7.Luni; 8.Osian; 9.Phalodi; 10.Pipar City;11.Shergarh; 12.Lohawat; 13.Tiwari. 14. Dechu 15. Shekhala 16.Mandore.
<b>Gram Panchayats</b>	351
<b>Nagar Palika</b>	3 (Phalodi, Pipar City, Bilara)
<b>City</b>	4 (Jodhpur, Bilara, Phalodi & Pipar City)
<b>Dam</b>	5 (Surpura, Jaswantpura, Pichiyak, Machiya & Nagadari)

## FOREST, FLORA AND FAUNA

Only 23828 hectares of the total reported area of land use in the district was covered with forests in 2020. The forest area is available around the hills and is classified as any scrub thorny forest. Due to the sandy soil and dry climate of the district, only shrub and thorny bushes of vegetation are found in the forest areas of the district. The main species of trees are Vilayati khejri (*Prosopis juliflora*), Kumatia(*Acacia senegal*), khejri(*Prosopis cineraia*), etc.

## Population

District Name		Population 2011			Percentage Decadal Growth (Persons) 2011		
		Total	Rural	Urban	Total	Rural	Urban
Jodhpur	Persons	36,87,165	24,22,551	12,64,614	27.74	26.87	29.43
	Males	19,23,928	12,60,328	6,63,600	27.09	26.77	27.68
	Females	17,63,237	11,62,223	6,01,014	28.46	26.98	31.41

## Topography

This district comes under the arid zone of the Rajasthan state, which covers 11.60 % of the total area of the arid zone of the State. Some of the areas of the Great Indian Thar Desert also come within the district. The general slope of the terrain is towards west. Extreme high temperature (upto 49° C) in summer and low temperature (upto to 4° C) in winter is the characteristic features of the desert.

There is no perennial river in the district. However, some of the important rivers in the district are Luni and Mithri Rivers though their base is saline. Main sources of irrigation, besides rainwater are dug-wells and tube-wells. The highest-irrigated areas in the District are in Bilara followed by Bhoplgarh and Osian tehsils.

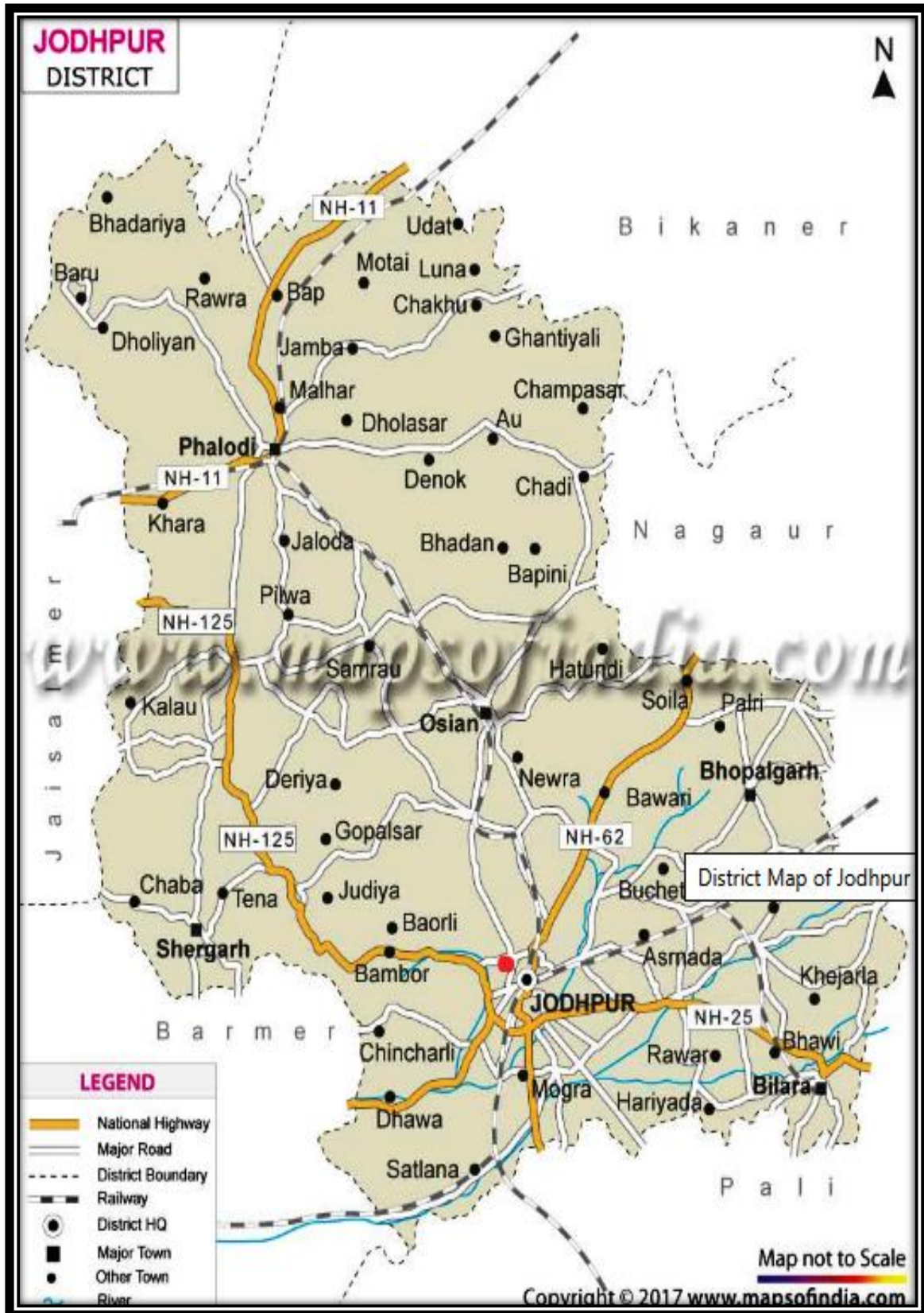
The soil of the district is classified mainly as sandy and loamy. Bajra (pearl millet) is the major crop in the Kharif season. Jodhpur has an excellent ground water in many parts of the district. In Rabi, Wheat, Raira, Pulses and a variety of spices like Cumin (Jeera), Coriander(dhania) and red chilli are also grown. Jodhpur is well known for its red chilli, onion and garlic. It is one of the major production centres for Guar. The major and important

minerals of the district are sandstone and limestone. Fawn and red coloured sandstone of the district is very popular and found in abundance. Besides this, building stones, stone-slabs and flagstones are mined in the district on a regular basis. Minerals like quartz and clays of various colours and dolomite are also available in the district.

On account of the arid climate, a rather negligible percentage of the total reporting area for the land use in the district is covered by forests. Due to sandy soil, only scrub and thorny bushes of vegetation are found in the forest areas of the district. The main species of trees are Kumat, Kair, Khejri, Babul, Bir, Khara Jhal, Pilu, etc. Fruit bearing trees are ber, pomegranates and guavas. The fauna of the district includes Jackal, Jungle Cat, Indian Fox, Black Buck, Chinkara, common Hare, etc. The birds commonly found are Baya, Koyal, Parrot, Vulture, Jungle Crow, Bulbul, House Sparrow, Kite, Sand Grouse, Common quail, Grey Partridge, Little Egrit, etc.



## DISTRICT MAP OF JODHPUR





## Chapter 1

### WASTE MANAGEMENT PLAN

#### 1.1 SOLID WASTE MANAGEMENT PLAN (for each ULB)

Solid Wastes (Management & Handling) Rules, 2016 (SWM Rules) are applicable to every municipal authority for collection, segregation, storage, transportation, processing and disposal of municipal solid waste.

#### BASELINE DATA FOR SOLID WASTE MANAGEMENT

No.	Action Areas	Details of Data Requirement	Units of Measurable Outcome	Please enter measurable outcome for district	ULB 1&2	ULB 3	ULB 4	ULB 5	Action to be taken by
	Name of Urban Local Body (ULB)		[Name of ULB]		Nagar Nigam Jodhpur N/S	Bilara	Phalodi	Pipar city	ALL ULB's (Nagar Parishad/ Nagar Palika)
	No of ULBs in the District		[Nos]	5	-	-	-	-	ALL ULB's (Nagar Parishad/ Nagar Palika)
	Population		[Nos as per 2011 census]	1160027	1033756	39553	49908	36810	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1	Report on inventory of total solid waste generation								ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1a		Total solid waste generation	[in MT/Day] or [Not estimated]	503	455	18	15	15	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1b		Qty. of Dry Waste segregated	[in MT/Day] or [Collection not initiated]	263.7	241	9.5	7.5	5.7	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1c		Qty. of Wet	[in MT/Day] or	234.5	214	7.5	6.5	6.5	ALL ULB's (Nagar

		Waste segregated	[Collection not initiated]						Parishad/ Nagar Palika)
SW1d		Qty. of C&D Waste segregated	[in MT/Day] or [Collection not initiated]	52.5	50	1	1	0.5	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1e		Qty. of Street Sweeping	[in MT/Day] or [Not estimated]	2.5 MT/day estimated by Bilara, but not estimated by rest ULB's	Not estimated	2.5	Not estimated	Not estimated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1f		Qty. of Drain Silt	[in MT/Day] or [Not estimated]	2.0 MT/day estimated by Bilara, but not estimated by rest ULB's	Not estimated	2.0	Not estimated	Not estimated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1g		Qty. of Domestic Hazardous Waste(DHW) collected	[in MT/Day] or [No Facility]	No facility	No facility	No facility	No facility	No facility	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1h		Qty. of Other Waste (Horticulture, sanitary waste, etc.)	[in MT/Day] or [Qty not estimated]	0.03 MT/day estimated by Phalodi, but not estimated by rest ULB's	Not estimated	Not estimated	0.03	Not estimated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1i		No of Old dump sites	[Nos.] or [None]	4	1	1	1	1	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1j		Qty stored in dump sites	[MT] or [Not estimated]	511903.9 (cum)	470280 (cum)	19222 (cum)	18683.90(cum m)	3718 (cum)	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1k		No of Sanitary Landfills	[Nos.] or [None]	1 available in Jodhpur Nagar Nigam, but not in operation	1(Not in operation)	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW1l		No. of wards	[Nos.]	270	80 North and	35	40	35	ALL ULB's (Nagar

					80 South				Parishad/ Nagar Palika)
SW2	Compliance by Bulk Waste Generators								ALL ULB's (Nagar Parishad/ Nagar Palika)
SW2a		No of BW Generators	[Numbers] or [inventory not done]	10	10	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW2b		No. of on-site facilities for Wet Waste	[Numbers] or [No data]	17	10	7	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW3	Compliance in segregated waste (SW) Collection								ALL ULB's (Nagar Parishad/ Nagar Palika)
SW3a		Total generation	[Automatic] from SW1a	503	455	18	15	15	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW3b		Wet Waste	[in MT/Day] or [Collection Not initiated]	235.5	214	7.5	7.5	6.5	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW3c		Dry Waste	[in MT/Day] or [Collection Not initiated]	262.5	241	9.5	6.3	5.7	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW3d		C&D Waste	[in MT/Day] or [Collection Not initiated]	52.5	50	1.0	1.0	0.5	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4	Waste Management Operations								ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4a		Door to Door Collection	[100%] / [partial %] / [not initiated]	100%	100%	100%	100%	100%	ALL ULB's (Nagar Parishad/ Nagar Palika)

SW4b		Mechanical Road Sweeping	[100%] / [partial%] / [not initiated]	5% partial started by Nagar Nigam Jodhpur but not initiated by rest ULB's	Partial 5%	Not initiated	Not initiated	Not initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4c		Manual Sweeping	[100%] / [partial%]	100%	100%	100%	100%	100%	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4d		Segregated Waste Transport	[100%] / [partial %] / [not initiated]	Partial 70%	Partial 70%	Partial 70%	Partial 70%	Partial 70%	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4e		Digesters (Bio-methanation)	[% of WW] / [not initiated]	Not initiated	Not initiated	Not initiated	Not initiated	Not initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4f		Composting Operation	[% of WW] / [not initiated]	2.25% average	5%	2%	2%	Not initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4g		MRF Operation	[MRF used] / [not installed]	MRF used by Jodhpur Nagar Nigam N/S, Bilara and Phalodi, but not installed in Pipar City	MRF used	MRF used	MRF used	Not installed	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4h		Use of Sanitary Landfill	[% of SW collected] / [no SLF]	1 available in Jodhpur Nagar Nigam but not in operation	1(Not in operation)	No SLF	No SLF	No SLF	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4i		Reclamation of old dump sites	[Initiated] / [not initiated]	Initiated by Jodhpur Nagar Nigam N/S, Bilara and Pipar City, but not initiated in Phalodi	Initiated	Initiated	Not initiated	Initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)

SW4j		Linkage with Waste to Energy Boilers / Cement Plants	[Initiated] / [not initiated]	Initiated by all ULB's except Phalodi as no cement plant exist within 200 km radius	Initiated	Initiated	Not initiated	Initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4k		Linkage with Recyclers	[Initiated] / [not initiated]	Initiated by all ULB's except Pipar City	Initiated	Initiated	Initiated	Not initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4l		Authorization of waste pickers	[Initiated] / [not initiated]	Initiated by Jodhpur Nagar Nigam N/S and Bilara, but not initiated in Phalodi and Pipar City	Initiated	Initiated	Not initiated	Not Initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4m		Linkage with TSDF / CBMWTF	[Initiated] / [not initiated]	Initiated by Jodhpur Nagar Nigam N/S and Bilara, but not initiated in Phalodi and Pipar City	Initiated	Initiated	Not initiated	Not initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4n		Involvement of NGOs	[Initiated] / [not initiated]	Initiated by Jodhpur Nagar Nigam N/S, but not initiated by rest ULB's	Initiated	Not initiated	Not initiated	Not Initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW4o		Linkage with Producers / Brand	[Initiated] / [not initiated]	Not initiated	Not initiated	Not initiated	Not initiated	Not initiated	ALL ULB's (Nagar

		Owners							Parishad/ Nagar Palika)
SW4p		Issuance of ID Cards	[Initiated] / [not initiated]	Initiated by Jodhpur Nagar Nigam N/S, Bilara and Pipar City but not initiated in Phalodi	Initiated	Initiated	Not initiated	Initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5	Adequacy of Infrastructure								
SW5a		Waste Collection Trolleys	[Nos. Required] / [Nos. Available]	91 available and 2 required	43	40	4	4 available and 2 required	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5b		Mini Collection Trucks	[Nos. Required] / [Nos. Available]	270 available and 4 required	242 (tippers)	12	8	8 available and 4 required	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5c		Segregated Transport	[Yes] / [no] / [% of area covered]	Yes (70%)	Yes (70%)	Yes (70%)	Yes (70%)	Yes (70%)	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5d		Bulk Waste Trucks	[Nos. Required] / [Nos. Available]	25 available and 2 required	25	0	0	2 required	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5e		Waste Transfer points	[Nos. Required] / [Nos. Available] / [Not available]	4	3	NA	NA	1	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5f		Bio-methanation units	[Nos. Required] / [Nos. Available]	NA	NA	NA	NA	NA	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5g		Composting units	[Nos. Required] / [Nos. Available]	3 available and 5 required	3	NA	5 required	NA	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5h		Material Recovery Facilities	[Used or Installed] / [Not available]	Used and installed by all ULB's except Pipar City	Used	Installed	Installed	NA	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5i		Waste to Energy	[Required] /	1(600TPD,	1(600TPD,	NA	NA	NA	ALL ULB's (Nagar



		(if applicable)	[Nos. Available]	work order given but work yet not started) by Jodhpur Nagar Nigam N/S	work order given but work yet not started)				Parishad/ Nagar Palika)
SW5j		Waste to RDF	[Required] / [Nos. Available]	Seized plastic sent by all ULB's to cement plant except Phalodi as no cement plant exist within 200 km radius	17.24 tonnes seized plastic sent to Ambuja Cement Plant, Tehsil - Jaitaran Village - Rabariyawas , District - Pali	Plastic waste and seized polybags sent to Cement plant	NA	Plastic waste and seized polybags sent to Cement plant	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5k		Sanitary Land fills	[Nos] / [Nos. Available]	1 available in Jodhpur Nagar Nigam N/S, but not in operation	1; Not in operation	NA	NA	NA	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5l		Capacity of sanitary landfills	[MT] // [Nos. Available]	NA	NA	NA	NA	NA	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5m		Waste Deposit Centers (DHW)	[Nos] / [Nos. Available]	5	3	1	NA	1	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW5n		Other facilities	[Give or select from list]	NA	NA	NA	NA	NA	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW6	Notification and Implementation of By-Laws								ALL ULB's (Nagar Parishad/ Nagar Palika)
SW6a		Notification of By-laws	[Done] / [in progress] / [not initiated]	Done	Done	Done	Done	Done	ALL ULB's (Nagar Parishad/ Nagar Palika)

SW6b		Implementation of by-laws	[Done] / [in progress] / [not initiated]	By-laws; implemented by Jodhpur Nagar Nigam N/S and Pipar City and progress in Bilara and Phalodi	Done	Done	In progress	Done	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW7	Adequacy of Financial Status of ULB								ALL ULB's (Nagar Parishad/ Nagar Palika)
SW7a		CAPEX Required	[INR] / [Not required]	36.14 Cr	18.81 Cr	11.04Cr	NIL	6.29 Cr	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW7b		OPEX	[INR per Year] / [% of requirement]	14.36 Cr	8.71Cr	3.84 Cr	NIL	1.81 Cr	ALL ULB's (Nagar Parishad/ Nagar Palika)
SW7c		Adequacy of OPEX	[Yes] / [No]	No	No	No	No	No	ALL ULB's (Nagar Parishad/ Nagar Palika)

## **ACTION PLAN FOR SOLID WASTE MANAGEMENT:**

Solid waste to be managed in accordance with the SWM Rules, 2016 issued by the Ministry of Environment and Forests, Government of India.

S. No	Action Points	Strategy and Approach	Department/Agencies/Stakeholders Involved
1.	Collection, Segregation & Treatment of solid waste	Solid waste to be managed in accordance with the SWM Rules, 2016	ULB's
2.	Strengthening the capacities of the ULBs	All ULB's staff to be trained to impart adequate knowledge for proper implementation of sustainable SWM. logistic infrastructure to be made available from the financial allocation made by the Govt in this regard	ULB's
3.	Notification and Implementation of By-Laws	ULB's will frame bye-laws incorporating the provisions of SWM Rules, 2016 and notify accordingly	ULB's DIPRO
4.	Awareness	Public awareness to be created through IEC campaign with participation of SHGs, NGOs, school and collage students Leaflets explaining waste segregation practice to be distributed in all the households	ULB's NGOs SHGs Insp. of Schools DIPRO
5.	Monitoring and Review	EO of ULB's will time to time monitor/review the performance of their respective ULB's on waste segregation, processing, treatment and disposal and initiate corrective measures Dist. Level Committee will also discuss bi-monthly to review the status of execution of SWM	EO of ULB's; Dist. Level Committee

## 1.2 PLASTIC WASTE MANAGEMENT (FOR EACH ULB)

### BASELINE DATA FOR PLASTIC WASTE MANAGEMENT

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District	ULB 1&2	ULB 3	ULB 4	ULB 5	Action to be taken by
	Name of ULB		[Name of ULB]	-	Nagar Nigam Jodhpur N/S	Bilara	Phalodi	Pipar City	ALL ULB's (Nagar Parishad/ Nagar Palika)
	Population		[Nos. as per 2011 census]	1160027	1033756	39553	49908	36810	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW1	Inventory of plastic waste generation								ALL ULB's (Nagar Parishad/ Nagar Palika)
PW1a		Estimated Quantity of plastic waste generated in District	[MT/day] / [Not Estimated]	14.61	14	0.01	0.1	0.5	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW2	Implementation of Collection								ALL ULB's (Nagar Parishad/ Nagar Palika)
PW2a		Door to Door collection	[100%] / [partial %] / [not initiated]	100%	100%	100%	100%	100%	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW2b		Segregated Waste collection	[100%] / [partial %]	Partial 70%	Partial 70%	Partial 70%	Partial 70%	Partial 70%	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW2c		Plastic waste collection at Material Recovery Facility	[MRF used] / [not installed]	MRF used by all ULB's except Pipar City	MRF used	MRF used	MRF used	Not installed	ALL ULB's (Nagar Parishad/ Nagar Palika)

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District	ULB 1&2	ULB 3	ULB 4	ULB 5	Action to be taken by
PW2d		Authorization of PW pickers	[Nos.] / [not initiated]	469	431	22	16	Not initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW2e		PW Collection Centers	[Nos.] / [not established]	4	2	1	1	Not established	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW3	Establishment of Linkage with Stakeholders								ALL ULB's (Nagar Parishad/ Nagar Palika)
PW3a		Established linkage with PROs of Producers	[Nos.] / [not established]	Not established	Not established	Not established	Not established	Not established	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW3b		Established linkage with NGOs	[Nos.] / [not established]	Not established	Not established	Not established	Not established	Not established	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW4	Availability of facilities for Recycling or utilization of PW								ALL ULB's (Nagar Parishad/ Nagar Palika)
PW4a		No. of PW recyclers	[Nos]	1	1	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW4b		No. of Manufacturers	[Nos]	0	0	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW4c		No. of pyrolysis oil plants	[Nos]	0	0	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District	ULB 1&2	ULB 3	ULB 4	ULB 5	Action to be taken by
PW4d		Plastic pyrolysis	[Quantity in MT sent per Month]	0	0	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW4e		Use in road making	[Quantity MT used per Month]	1Tonne of seized plastic has been shredded and will be used for construction of plastic road by Nagar Nigam Jodhpur N/S	1Tonne of seized plastic has been shredded using shredder and will be used for construction of plastic road	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW4f		Co-processing in Cement Kiln	[Quantity in MT sent per Month]	17.44 MT total sent to Cement plant	17.24 tonnes plastic has been sent to Ambuja Cement Plant, Pali	200 Kg polythene seized and sent to Cement Plant	0	Yes	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW5	Implementation of PW Management Rules, 2016								ALL ULB's (Nagar Parishad/ Nagar Palika)
PW5a		Sealing of units producing < 50-micron plastic	[All sealed] / [Partial] / [no action]	Partial	Partial	Partial	Partial	Partial	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW5b		Prohibiting sale of carry bags < 50 micron	[Prohibited] / [Partial] / [no action]	Prohibited by all ULB's except partially by Phalodi	Prohibited	Prohibited	Partial	Prohibited; 330Kg polythene seized	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW5c		Ban on Carry bags and other single use plastics as notified	[Implemented] / [Partial] / [no action] / [No	Implemented; only ban on carry bags as single use	Implemented; only ban on carry bags as	Implemented	Implemented	Implemented	ALL ULB's (Nagar Parishad/ Nagar Palika)



No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District	ULB 1&2	ULB 3	ULB 4	ULB 5	Action to be taken by
		by State Government	Ban]	plastic is not banned by State Govt	single use plastic is not banned by State Govt				
PW6	Implementation of Extended Producers Responsibility (EPR) through Producers/Brand-owners								ALL ULB's (Nagar Parishad/ Nagar Palika)
PW6a		No of Producers associated with ULBs	[Nos] / [None]	None	None	None	None	None	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW6b		Financial support by Producers / Brand owners to ULBs	[Nos] / [None]	None	None	None	None	None	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW6c		Amount of PRO Support	[Rs...]	0	0	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW6d		Infrastructure support by Producers / Brand owners to ULBs	[Nos of Producers] / [None]	None	None	None	None	None	ALL ULB's (Nagar Parishad/ Nagar Palika)
PW6e		No. of collection centers established by Producers / Brand owners to ULBs	[Nos] / [None]	None	None	None	None	None	ALL ULB's (Nagar Parishad/ Nagar Palika)

## **ACTION PLAN FOR PLASTIC WASTE MANAGEMENT:**

Plastic waste to be managed in accordance with the Plastic Waste Management (Amendment) Rules, 2018 with an emphasis on the 3R principles , i.e. Reduce, Reuse and Recycle. ULB's will manage the plastic waste generated under their respective jurisdiction.

<b>S. No</b>	<b>Action Points</b>	<b>Strategy and Approach</b>	<b>Department /Agencies/Stakeholders Involved</b>
1	Implementation of collection	Door to door collection, Segregated Waste collection, Plastic waste collection at MRF, Authorization of PW pickers, PW collection centers to be ensured	ULB's
2	Establishment of linkage with Stakeholders	List of PROs of producers/NGO to be collected and steps to be taken for initiating linkage as per SWMR-2016 and PWMR-2018, rules	ULB's
3	Availability of facilities for Recycling or utilization of PW	Each ULB in consultation with DI&CC will prepare plan for creating facilities for recycling or reutilization of PW.Detailedplan to be submitted in next Dist. Committee meeting	ULB's GM DI&CC
4	Implementation of PW Management Rules, 2016	To ensure implementation of PW Management Rules, 2016 and 2018 in association with ULB's and Dist. Administration and they will conduct unexpected Surprise inspection for the eradication of banned plastic and impose fines for those who store, sell and use the same. Public awareness and participation also to be created in this regard	ULB's
5	Implementation of Extended Producers Responsibility (EPR) through Producers/Brand-owners	ULB's will identify producers/brand-owners and will act in accordance with Govt policies/notifications	ULB's

### 1.3 CONSTRUCTION & DEMOLITION WASTE MANAGEMENT (For each ULB)

#### BASELINE DATA FOR CONSTRUCTION & DEMOLITION WASTE

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please Enter Measurable Outcome for District	ULB 1&2	ULB 3	ULB 4	ULB 5	Action to be taken by
	Name of ULB		[Name of ULB]		Nagar Nigam Jodhpur N/S	Bilara	Phalodi	Pipar City	ALL ULB's (Nagar Parishad/ Nagar Palika)
	Population		[Nos. as per 2011 census]	1160027	1033756	39553	49908	36810	ALL ULB's (Nagar Parishad/ Nagar Palika)
CD1	Inventory of C&D waste generation								ALL ULB's (Nagar Parishad/ Nagar Palika)
CD1a		Estimated Quantity	[Kg/Day] / [Not estimated]	52.5 TPD	50TPD	1TPD	1.0 TPD	0.5TPD	ALL ULB's (Nagar Parishad/ Nagar Palika)
CD2	Implementation of scheme for permitting bulk waste generators								ALL ULB's (Nagar Parishad/ Nagar Palika)
CD2a		Issuance of Permissions by ULBs	[Initiated] / [Not initiated]	Initiated	Initiated	Initiated	Initiated	Initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
CD3	Establishment of C&D Waste Deposition centers								ALL ULB's (Nagar Parishad/ Nagar Palika)
CD3a		Establishment of Deposition Points	[Yes] / [No]	Yes	Yes	Yes	Yes	Yes	ALL ULB's (Nagar Parishad/ Nagar Palika)
CD3b		C&D Deposition point identified	[Yes] / [No]	Yes	Yes	Yes	Yes	Yes	ALL ULB's (Nagar Parishad/ Nagar Palika)

CD4	Implementation of By-Laws for CD Waste Management								ALL ULB's (Nagar Parishad/ Nagar Palika)
CD4a		Implementation of By-laws	[Notified] / [not notified]	Notified	Notified	Notified	Notified	Notified	ALL ULB's (Nagar Parishad/ Nagar Palika)
CD4b		Collection of Deposition / disposal Charges	[Initiated] / [Not initiated]	Initiated	Initiated	Initiated	Initiated	Initiated	ALL ULB's (Nagar Parishad/ Nagar Palika)
CD5	Establishment of C&D Waste recycling plant or linkage with such facility								ALL ULB's (Nagar Parishad/ Nagar Palika)
CD5a		Establishment CD Waste Recycling Plant	[Established] / [Sent to shared Facility] / [No facility exists]	Tendering in process for design, construction, operation and maintenance of processing and recycling of C&D waste by Nagar Nigam, Jodhpur N/S	Tendering in process for design, construction, operation and maintenance of processing and recycling of C&D waste.	C& D waste is being used to fill those places where there are ravines.	NA	C& D waste is being used to fill those places where there are ravines	ALL ULB's (Nagar Parishad/ Nagar Palika)
CD5b		Capacity of CD Waste Recycling Plant	[MT/Day] / [Not available]	Not available	Not available	Not available	Not available	Not available	ALL ULB's (Nagar Parishad/ Nagar Palika)

## ACTION PLAN FOR C & D WASTE MANAGEMENT:

S. No	Action Points	Strategy and Approach	Department/Agencies/Stakeholders Involved
1	Inventory of C&D waste generation	<ol style="list-style-type: none"> <li>1. Survey and investigate the C &amp; D generators under the jurisdiction of ULB</li> <li>2. Identify regular bulk wastegenerators ( Contractors or Builders)</li> <li>3. Training and responsibilities will be given to staffs in collecting , transporting and processing of C &amp;D</li> <li>4. Treatment of C &amp; D wastes or transformation</li> </ol>	ULB Staffs
2	Implement scheme for permitting bulk waste generators	<ol style="list-style-type: none"> <li>1. Contractors/builders should have registration ID in the ULB's to collect and transfer the C &amp; D wastes to the C &amp;D Deposition Center for treatment</li> <li>2. The generators should contact the ULB staffs or Contractors / builders</li> <li>3. The generators should be charged as per law</li> </ol>	<ol style="list-style-type: none"> <li>1. C &amp; D Wastes generators</li> <li>2. Contractors/ builders</li> <li>3. ULB's staffs</li> <li>4. C &amp; D Deposition Center staffs</li> </ol>
3	Establishment of C&D Waste Deposition centers	<ol style="list-style-type: none"> <li>1. Identification and allocation of land for deposition center</li> <li>2. Construction and fencing of deposition centers</li> <li>3. Identify the transportation points.</li> </ol>	ULB's NGOs
4	Implementation of By-Laws for C & D Waste Management	Publish notification for registration of C & D waste generators, generator charge, transportation cost, selling price, etc. as per laws	<ol style="list-style-type: none"> <li>1. ULB staffs</li> <li>2. C &amp; D Deposition center staffs</li> </ol>
5	Establishment of C&D Waste recycling plant or linkage with such facility	Involve NGOs or to establish a C&D waste recycling plant	NGOs

#### 1.4- Bio-Medical Waste Management(For each ULB):

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

#### Present Scenario in the District:

There are 407 bedded hospitals and 213 non-bedded health care facilities in the district along with 150 path labs and 80 dental clinics which produces significant amount of Bio-Medical Waste. The details of health care facilities in rural areas are also provided here:

S. No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District
		Population	[Nos as per 2011 census]	43 Lac (approx)
	Inventory of BMW generation			
BMW 1a		Total no. of Bedded Hospitals	[Nos]/[No inventory]	407
BMW 1b		Total no. of Non bedded HCF	[Nos]/[No inventory]	213
BMW 1c		Total no. of Clinics	[Nos]/[No inventory]	50
BMW 1d		No of Veterinary Hospitals	[Nos]/[No inventory]	4
BMW 1e		Path labs	[Nos]/[No inventory]	150
BMW 1f		Dental Clinics	[Nos]/[No inventory]	80
BMW 1g		Blood Banks	[Nos]/[No inventory]	2
BMW 1h		Animal Houses	[Nos]/[No inventory]	No inventory
BMW 1i		Bioresearch Labs	[Nos]/[No inventory]	No inventory
BMW 2	Authorization of HCFs by SPCBs / PCCs			
BMW2a		Bedded HCFs	[Nos Authorized]	407
BMW 2b		Non bedded HCFs	[Nos Authorized]	213
BMW3	Biomedical Waste Treatment and Disposal Facilities (CBMWTFs)			Sales Promotors, Keru, Jodhpur
BMW3a		No of CBMWTFs	[Nos]	1
BMW 3b		Linkage with CBMWTFs	[Yes]	YES
BMW3c		Capacity of CBMWTFs	Adequate	Adequate
BMW3d		Requirements of CBMWTFs	[Required] / [Not required]	Required
BMW3e		Captive Disposal Facilities of HCFs	[Nos]/[None]	None
BMW4	Compliance by CBMTFs			



BMW4a		Compliance to standards	Meeting	Meeting
BMW4b		Barcode tracking by HCFs /CBMWTFs	[100%] / [Partly]	Partly
BMW4c		Daily BMW lifting by CBMWTFs	[Kg / day]	1000
BMW 5	Status of Compliance by Healthcare Facilities			
BMW5a		Pre segregation	[100%]/[partly]	Partly
BMW 5b		Linkage with CBMWTFs	[100%]/[partly]	Partly

**Biomedical waste Management action plan for the District is as follows:**

<b>S. No</b>	<b>Action Points</b>	<b>Strategy and Approach</b>	<b>Stakeholder's responsibility</b>
1	Collection, Segregation & Treatment of solid waste	Bio-medical waste to be managed in accordance with the Bio-Medical Waste Management Rules, 2016	All HCFs concerned
2	Preparation of Inventory of BMW generation	Inventorisation of occupiers and data on biomedical waste generation, treatment & disposal, which are to be updated at least once in a year	CMHO, Dy. CMHO, BCMO, Incharge - CHC/ UCHC/ PHC/ UPHC
3	Capacity building/training of HCFs	HCFs should be established to aware the roles and responsibilities under the BMW Rules, 2016 For proper management of the waste in the healthcare facilities, the technical requirements of waste handling are needed to be understood and practiced by each category of the staff as per BMW Rules, 2016	CMHO, Dy. CMHO, Sales Promoters, CBMWTFs( Jodhpur)
4	Authorization of HCFs	Every HCFs and clinical establishment will be asked to obtain authorization from PCB, Raj. as per the BMW Management Rules, 2016	Dist. Admin. PCB, Raj. Dy. CMHO (Health) Jodhpur
5	BMW Treatment and Disposal Facilities (CBMWTFs)	CBMWTFs/CTF Plant - Keru	District Jodhpur
6	Monitoring and Review	District Level Monitoring Committee under the Chairmanship of District Collector, Jodhpur to monitor for the compliance of the provisions of these rules by the HCFs. The District Level Monitoring Committee will comprise of : CEO Nagar Nigam CMHO JD - Animal Husbandry District Pollution Control Officer President - IMA, SOMER, AMPOJ Manager - Sales Promoters, CBMWTFs, Jodhpur	District Level Monitoring Committee

### 1.5 - Hazardous Waste Management (for each ULB):

Hazardous waste is any waste which due to its characteristics such as physical, chemical, and biological, reactive, toxic, flammable, explosive or corrosive is likely to cause danger to health or environment, whether alone or in combination with other wastes or substances.

#### Present Scenario in the District:

S.No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District	ULB1	ULB2	ULB3	ULB4	Action taken by
				Jodhpur	Municipal corporation Jodhpur	Bilara Municipal Board	Phalodi Municipal Board	PiparCity Municipal Board	
HW1	Inventory of Hazardous Waste								RSPCB
HW1a		No of HW Generating Industries	[Nos.]	412	412	0	0	0	RSPCB
HW1b		Quantity of HW	[MT/Annum]	51035.352 MT/annum	51035.352 MT/annum	0	0	0	RSPCB
HW1c		Quantity of Incinerable HW	[MT/Annum]	15.61 MT/annum	15.61 MT/annum	0	0	0	RSPCB
HW1d		Quantity of land-fillable HW	[MT/Annum]	51903 MT/annum	51903 MT/annum	0	0	0	RSPCB
HW1e		Quantity of Recyclable / Utilizable HW	[MT/Annum]	109.10 MT/annum	109.10 MT/annum	0	0	0	RSPCB
HW2	Contaminated Sites and illegal industrial hazardous waste dump sites								RSPCB
HW2a		No of HW dump Sites	[Nos] / [None]	None	None	None	None	None	RSPCB
HW2b		Probable Contaminated Sites	[Nos] (Provide list)	0	0	0	0	0	RSPCB

HW3	Authorization by SPCBs/PCCs								RSPCB
HW3a		No of industries authorized	[Nos]	259	259	0	0	0	RSPCB
HW3b		Display Board of HW Generation in front of Gate	[Nos]	412	412	0	0	0	RSPCB
HW4	Availability of Common Hazardous Waste TSDF								RSPCB
HW4a		Common TSDF	[Exists] / [No] / [Sent to Other District within State]	Sent to other District with in State (M/S BWMP,Pachpdra Barmer )	Sent to other District with in State (M/S BWMP,Pachpdra Barmer )	No	No	No	RSPCB
HW4b		Industries linkage with TSDF	[Nos.]	29	29	0	0	0	RSPCB
HW5	Linkage of ULBs in District with Common TSDF								All ULB'S (Nagar Parishad/Nagar Palika)
HW5a		ULB's linked to Common TSDFs for Domestic Hazardous Waste	[Yes] / [No]	No	No	No	No	No	All ULB'S (Nagar Parishad/Nagar Palika)

**HAZARDOUS WASTE MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS:**

<b>S.No</b>	<b>Action Points</b>	<b>Strategy and Approach</b>	<b>Stakeholders responsible</b>
1.	Preparation of 'Inventory of Hazardous Waste Generators'	Includes manufacturer /recycler/ refurbisher /handler of Lead Acid battery and other lead scrap/ashes/residues not covered under Batteries (Management and Handling Rules, 2001)	1.General Manager , District Industries & Commerce Centres ( <b>DICC</b> ) GM, DI&CC, Jodhpur 2. EO of ULBs 3. RSPCB, Raj 4. All BDOs
2.	Awareness/Training of Waste Generators	ULB's take necessary steps for public awarness and importance of segregation of potentially hazardous domestic waste.  Training on handling/disposal will be provided to informal sector persons who are engaged in trading, dismantling and recycling of e-waste/batteries.	1. GM, DI&CC, Jodhpur 2. Representatives from RSPCB
3.	Authorization of Industries	As per the provision of Hazardous Waste Rule, 2016	RSPCB
4.	Waste Deposition Centres for Domestic Hazardous Waste	ULB's will establish waste deposition centres for domestic hazardous waste and provide direction for waste generators to deposit domestic hazardous wastes for safe disposal.	ULB's
5.	Monitoring of Compliance	District Level Monitoring Committee under the Chairmanship of District Collector, Jodhpur to monitor the compliance of the provisions of Hazardous Waste Management Rules.  The District Level Monitoring Committee will comprise of ADC GM, DI&CC Jodhpur, representatives from RSPCB Raj,  Public Health Engineering Department, ULB's as members among others.  GM, DI&CC Jodhpur shall be the Member Secretary of this Committee.	District Level Monitoring Committee

## 1.6 E-WASTE MANAGEMENT

### 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's (Nagar Parishad/ Nagar Palika)
EW1a		Are the citizens able to deposit or provide E-Waste through Toll-free numbers in the District?	[Yes] / [No]	No	ALL ULB's (Nagar Parishad/ Nagar Palika)
EW1b		Collection centers established by ULB in the District	[Nos] / [None]	None	ALL ULB's (Nagar Parishad/ Nagar Palika)
EW1c		Collection centers established by Producers or their PROs in the District	[Nos] / [None]	None	ALL ULB's (Nagar Parishad/ Nagar Palika)
EW1d		Do the district have linkage with authorized E-Waste recyclers / dismantlers?	[Yes] / [No]	No	ALL ULB's (Nagar Parishad/ Nagar Palika)
EW1e		No. of authorized E-Waste recyclers / dismantlers	[Nos] / [None]	None	ALL ULB's (Nagar Parishad/ Nagar Palika)
EW2	Status of Collection of E-Waste				
EW2a		Authorizing E-Waste collectors	[Authorized] / [None]	None	RPCB, Jodhpur
EW2b		Involvement of NGOs	[Yes] / [No] / [Nos]	No	RPCB
EW2c		Do producers have approached NGOs/ Informal Sector for setting up Collection Centers?	[Yes] / [No] / [Nos]	No	RPCB
EW2d		Do ULBs have linkage with authorized Recyclers / dismantlers?	[Yes] / [No]	No	ALL ULB's (Nagar Parishad/ Nagar Palika)
EW3	Control E-Waste related pollution				
EW3a		Does informal trading, dismantling, and recycling of e-waste exist in District?	[Yes] / [No]	No	RPCB
EW3b		Did the administration close illegal E-Waste recycling in the District?	[Yes] / [No] / [Nos]	No	ALL ULB's (Nagar Parishad/ Nagar Palika)



EW3c		No. of actions taken to close illegal trading or processing of E-Waste	[Nos]	0	RPCB
EW4	Creation of Awareness on E-Waste handling and disposal				ALL ULB's (Nagar Parishad/ Nagar Palika)
EW4a		Did PROs / Producers conduct any District level Awareness Campaigns?	[Yes] / [No] / [Nos]	No	ALL ULB's (Nagar Parishad/ Nagar Palika)
EW4b		Did District Administration conduct any District level Awareness Campaigns?	[Yes] / [No] / [Nos]	No	ALL ULB's (Nagar Parishad/ Nagar Palika)

### **ACTION PLAN FOR E- WASTE MANAGEMENT:**

<b>SI No</b>	<b>Action Points</b>	<b>Strategy and Approach</b>	<b>Department/Agencies/Stake holders Involved</b>
1.	Collection of E-Waste	<ul style="list-style-type: none"> <li>• Collection Centers to be established by ULBs in District</li> <li>• Door to door collection</li> <li>• Authorizing E-Waste collectors</li> </ul>	EO of ULB's
2.	Control E-Waste related pollution and awareness	<ul style="list-style-type: none"> <li>• Creation of awareness on E-Waste handling and disposal</li> </ul>	Dist. Administration, GM DI&CC, ULB's NGOs

## Chapter 2

### Water Quality Management Plan

No.	Action Are-as	Details of Data Requirement	Measurable Outcome	Remarks	Action to be taken by
WQ1	Inventory of water resources in District				
WQ1a		Rivers	3 Nos., 263 Kms.		
				Jojri River I ; Ustra to Dhawa = 78 Kms.	
				Jojri River-II ; Khawaspura to Khejarli = 85 Kms.	Water Resources Department (WRD)
				Luni River ; Jhak to Dhundhara = 100 Kms.	
WQ1b		Length of Coastline	Nil		WRD
WQ1c		Nalahas/ Drains meeting Rivers	5 Nos.	Netra, Gadhsuriya, Lawari, Binawas, Jajiwai	WRD
WQ1d		Lakes / Ponds	237 Nos., 10080 ha.		WRD
WQ1e		Total Quantity of sewage and industrial discharge in district	210 Mld.	Salawas-I ; 50 Mld, Salawas-II ; 50 Mld, Nandri; 20 Mld, Basni Benda ; 40 Mld, Banar ; 10 Mld, Uchiyarda ; 15 Mld, Vivek Vihar ; 25 Mld.	WRD
WQ2	Control of Ground water Quality				
WQ2a		Estimated number of borewells	48341 (GWD)	Agriculture and Domestic Borewells as per Ground Water Assessment Report, 2017	GWD
WQ2b		No. of permissions given for extraction of ground water	33366 (GWD)	No. of permissions given for extraction of ground water by District Advisory Committee of Ground Water Department, Control and regulation of Tube wells/Borewells & Other ground water extration unit in Notified & Non- Notified Areas (From 23.2.2015 to 14.10.2020)	GWD
			335 (CGWD)	Permissions given to various industries for extraction of Ground Water by Central Ground Water Board	
			Total = 33701		
WQ2c		Number of ground water polluted areas	1 (GWD)	1. According to Rajasthan Pollution Control Board, Jodhpur, & NGT New Delhi, Industrial effluents in Jojri River have pollutants in water. 2. Central Ground Water Board is authorised to grant permission for extration of ground water to Industries, Study of ground water pollution / other issues related to industries is carried out by CGWB.	GWD
WQ2d	Ground water Availablity	6538.11 ha. Meter (GWD)	As per Ground Water Assessment Report, 2017	GWD	

WQ3	Availability of Water Quality Data				
WQ3a		Creation of monitoring cell	No		
WQ3b		Assess to surface water and ground water quality data at DM office	650 MLD	Data from PHED, Jodhpur	GWD
WQ4	Control of River side Activities				
WQ4a	Control River side Activities	Control of river side defecation	Not in Jodhpur Municipal Area	ULB's (Nagar Parishad/ Nagar Palika)	ULB's (Nagar Parishad/ Nagar Palika)
WQ4b		Dumping of SW along river banks	Not in Jodhpur Municipal Area	ULB's (Nagar Parishad/ Nagar Palika)	ULB's (Nagar Parishad/ Nagar Palika)
WQ4c		Control measures for idol immersion	Measures taken for idol immersion	ULB's (Nagar Parishad/ Nagar Palika)	ULB's (Nagar Parishad/ Nagar Palika)
WQ5	Control of water pollution in rivers				
WQ5a		Percentage of untreated sewage	Nil	Related to Nagar Nigam Jodhpur, RIICO and Pollution Control Board	ULB's (Nagar Parishad/ Nagar Palika)
WQ5b		Monitoring of action plans for Rejuvenation of rivers	Monitored	Jojri River water sample ; testing has been done on every fortnight and reports are sent to Nagar Nigam Jodhpur & Pollution Control Board	ULB's (Nagar Parishad/ Nagar Palika)
WQ5c		No. of directions given to industries for discharging of untreated industrial waste water in last 12 months	Nil	No. of closure direction issued to units for discharging untreated effluent directly in to River Jojri- Nil, however RSPCB has issued closure direction to 35 illegal units under water act - 1974 running in non confirming area in last 1 year.	RPCB
WQ6	Awareness activities				
WQ6a		District level campaigns on protection of water quality	4015 Nos. (PHED)	1. Filtered water is being supplied in Jodhpur urban area, Phalodi, Pipar City & Bilara Town of the District. 2. At present, 251 RO and 18 Filter Plants are working in quality affected habitations in the District. 3. At present, treated water from surface water based schemes are being supplied in 1218 villages of the District.	ULB's (Nagar Parishad/ Nagar Palika)
WQ6b	Oil Spill Disaster Contingency Plan				ULB's (Nagar Parishad/ Nagar Palika)
WQ6ba		Creation of District Oil Spill Crisis Management Group	Not created		ULB's (Nagar Parishad/ Nagar Palika)
WQ6bb		Preparation of District Oil Spill Disaster Contingency Plan	Not prepared		ULB's (Nagar Parishad/ Nagar Palika)
WQ7	Protection of Flood plans				

WQ7a		Encroachment of flood plains is regulated	Yes	1. Timely flood protection work has been done under various schemes	ULB's (Nagar Parishad/ Nagar Palika)
				2. In monsoon season, Departmental Flood Control Cell is established (from 15 <sup>th</sup> June to 30 <sup>th</sup> September) every year	ULB's (Nagar Parishad/ Nagar Palika)
WQ8	Rainwater Harvesting				
WQ8a		Action Plan for Rain water harvesting	Implemented	Construction and Repair & Restoration of 76 Nos. Water Harvesting Structures (WHS) have been done under various schemes in every financial year	ULB's (Nagar Parishad/ Nagar Palika)

## **2.0 ACTIONS TO BE TAKEN:**

The Tribunal has issued detailed directions on each issue for enforcement, which are to be executed in accordance with the Acts/Rules. However, for ensuring visible impactful changes and immediate actions on certain issues; following actions are suggested as under:

### **2.1 Rejuvenation of water bodies/rain water harvesting and ground water conservation**

- (i) State Ground Water Department is regularly monitoring the depth of water level of 287 identified district key wells and piezometers in Jodhpur District and also collected around 230 to 250 ground water samples during pre-and post-monsoons for detailed chemical analyses to ensure ground water quality. Ground water quality in Jodhpur District is suitable for agriculture and domestic purposes in potential zone areas and also having slightly saline to brackish-saline ground water zones in certain parts of the Jodhpur District.
- (ii) As per Ground Water Assessment Report, 2017 only Luni and Bap Blocks are categorized as Safe and remaining all blocks are categorized as over-exploited. In over-exploited blocks, Ground Water Department provides concept/ design for Rain Water Harvesting structures.
- (iii) Central Ground Water Authority (CGWA), New Delhi issued guidelines on 24 September 2020, according to it, No Objection Certificate (NOC) from CGWA is mandatory for withdrawal of ground water by Industries and the guidelines also have provision for penalty powers under Section 5 of the Environment (Protection) Act, 1986.

## Chapter 3

### DOMESTIC SEWAGE MANAGEMENT PLAN:

#### 3.0 DOMESTIC SEWAGE MANAGEMENT PLAN (for each ULB's);

Domestic sewage is generated by domestic activities including toilet, bathroom, clothes washing, kitchen cleaning, etc. This sewage water contains high levels of micro-organisms, chemicals (nutrients) and other contaminants capable of causing human illness and adversely impacting the local environment.

#### BASELINE DATA FOR DOMESTIC SEWAGE MANAGEMENT

No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District	ULB 1&2	ULB 3	ULB 4	ULB 5	Action to be taken by
SM1	Inventory of Sewage Management				Nagar Nigam Jodhpur N/S	Bilara	Phalodi	Pipar City	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM1a		Total Quantity of Sewage generated in District from Class II cities and above	[MLD]	110	110	NA	NA	NA	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM1b		No. of Class-II towns and above	[Nos]	0	NA	NA	NA	NA	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM1c		No. of Class-I towns and above	[Nos]	0	0	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM1d		No. of Towns needing STPs	[Nos]	2	0	2	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM1e		No. of Towns in which STPs are installed	[Nos]	3	3	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM1f		Quantity of treated sewage flowing into Rivers (directly or indirectly)	[MLD]	85	85	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM1g		Quantity of untreated or partially treated sewage	[Automatic]	25	25	0	0	0	ALL ULB's (Nagar Parishad/ Nagar

		(directly or indirectly)							Palika)
SM1h		Quantity of sewage flowing into lakes	[MLD]	0	0	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM1i		No. of industrial townships	[Nos]	-	-	-	-	-	RPCB
SW2	Adequacy of Available Infrastructure for Sewage Treatment								
SM2a		% of sewage treated in STPs	[Automatic]	85% in Jodhpur Nagar Nigam N/S and 0% in rest ULB's	85%	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM2b		Total available Treatment Capacity	[MLD]	120	120	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM2c		Additional treatment capacity required	[MLD]	40	40	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM3	Adequacy of Sewerage Network								
SM3a		No. of ULB's having partial underground sewerage network	[Nos]	2	2	0	0	0	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM3b		No. of towns not having sewerage network	[Nos]	3	NA	1	1	1	ALL ULB's (Nagar Parishad/ Nagar Palika)
SM3c		% of population covered under sewerage network	[Automatic]	85% population covered in Jodhpur Nagar Nigam N/S and 0% in rest all ULB's	85%	0%	0%	0%	ALL ULB's (Nagar Parishad/ Nagar Palika)

## **ACTION PLAN FOR DOMESTIC SEWAGE MANAGEMENT:**

<b>Sl No</b>	<b>Action Points</b>	<b>Strategy and Approach</b>	<b>Department/Agencies/Stakeholders Involved</b>
1	Inventory of Sewage Management	Survey and identification of all households to ensure proper drainage and management of sewage	ULB
2	Adequacy of Available Infrastructure for Sewage Treatment	<p>1. Some households may have its own sewage management infrastructure , so as to pull down this water to maintain water level in earth and to reuse this water at various other domestic works after removing contaminants, i.e. grey water after removing contaminants may be used in gardens, toilet flushing,etc.</p> <p>2. All households should be connected to sewage management infrastructure either at home or through proper drain across ULB to Sewage Treatment Plant</p>	Beneficiary, ULB
3	Adequacy of Sewerage Network	Proper drains constructed with proper technique connecting with all households under ULB to ensure total sewage management	ULB



## Chapter 4

### Industrial Waste Water Management Plan (For each ULB):

#### Present Scenario in the District:

<b>4.0 Industrial Wastewater Management Plan</b>								
S.No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District	ULB1	ULB2	ULB3	ULB4
IWW1	Inventory of industrial wastewater Generation in District				Municipal corporation, Jodhpur	Bilara Municipal Board	Phalodi Municipal Board	PiparCity Municipal Board
IWW1a		No of Industries discharging wastewater	[Nos]	393	393	0	0	0
IWW1b		Total Quantity of industrial wastewater generated	[MLD]	11.50 MLD	11.50 MLD	0	0	0
IWW1c		Quantity of treated IWW discharged into Nalahs / Rivers	[MLD]	10.50MLD	10.50MLD	0	0	0
IWW1d		Quantity of un-treated or partially treated IWW discharged into lakes	[MLD]	0	0	0	0	0
IWW1e		Prominent Type of Industries	[Agro based] / [Chemical – Dye etc.] / [Metallurgical] / [Pharma] / [Pesticide] / [Power Plants] / [Mining] / [Automobile] : Multiple selection	Textile, Steel, Stone,etc.	Textile, Steel. Stone,etc.	Mineral grinding, hydrated & Quick lime, Stone crusher and mining	Stone crusher & mineral grinding and mining	Mineral grinding, hydrated & Quick lime and mining

			based on size of operation and number					
IWW1f		Common Effluent Treatment Facilities	[Nos] / [No CETPs]	01	01	0	0	0
IWW2	Status of compliance by Industries in treating waste water							
IWW2a		No of Industries meeting Standards	[Nos]	282	282	0	0	0
IWW2b		No of Industries not meeting discharge Standards	[Automatic]	111	111	0	0	0
IWW2c		No of complaints received or number of recurring complaints against industrial pollution in last 3 months	[Nos]	30	30	Nil	Nil	Nil
IWW3	Status of Action taken for not meeting discharge standards							
IWW3a		No industries closed for exceeding standards in last 3 months	[Nos]	0	0	0	0	0
IWW3b		No of industries where Environmental Compensation was imposed By SPCBs	[Nos]	111	111	0	0	0

**INDUSTRIAL WASTEWATER MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS:**

All the industries which are producing chemically and physically polluted water will be identified and located. Therefore, the sensitive water bodies will be identified and efforts will be started to preserve aquatic environment. Mass awareness and participation of stakeholders will be assured for better management and utilization of industrial waste water in the District.

## Chapter 5

### Air Quality Management Plan( for each ULB)

#### Present status of the District

S.No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District	ULB 1-Municipal corporation, Jodhpur	ULB 2-Bilara Municipal Board	ULB 3-Phalodi Municipal Board	ULB 4-Pipar City Municipal Board
AQ1a	AQ1- Availability of Air Quality Monitoring Network in District	Manual Air Quality monitoring stations of SPCBs /CPCB	[Nos] / [None]	09	09	None	None	None
AQ1b		Automatic monitoring stations Operated by SPCBs / CPCB	[Nos] / [None]	01	01	None	None	None
AQ2a	AQ2- Inventory of Air Pollution Sources	Identification of prominent air polluting sources	[Large Industry] / [Small Industry] / [Unpaved Roads] / [Burning of Waste Stubble] / [Brick Kiln] / [Industrial Estate] / [Others] (Multiple selection)	Small industry, transportation of vehicle, large industry, burning of waste,etc	Small industry, transportation of vehicle, large industry, burning of waste,etc	Small industry, transportation of vehicle, burning of waste,etc	Small industry, transportation of vehicle, burning of waste,etc	Small industry, transportation of vehicle, burning of waste,etc
AQ2b		No of Non-attainment cities	[Nos / [None]	1 (Jodhpur )	1 (Jodhpur )	None	None	None
AQ2c		Action Plans for non-attainment cities	[Prepared] / [Not yet prepared]	Prepared & submitted to CPCB for approval	Prepared & submitted to CPCB for approval	NA	NA	NA
AQ3a	AQ3- Availability of Air Quality	Access to air quality data from SPCBs & CPCB	[Available] / [Not yet Available]	Available	Available	Not yet Available	Not yet Available	Not yet Available

	Monitoring Data at DMs Office	through Dashboard						
AQ4a	AQ4-Control of Industrial Air Pollution	No of Industries meeting Standards	[Nos]	163	163	125	29	33
AQ4b		No of Industries not meeting discharge Standards	[Nos]	21	21	Not available	Not available	Not available
AQ5a	AQ5-Control of Non-industrial Air Pollution sources	Control open burning of Stubble –during winter	[Nos of fire incidents]	Not reported	Not reported	Not reported	Not reported	Not reported
AQ5b		Control Open burning of Waste – No. of actions taken	[Nos]	10	10	1	0	0
AQ5c		Control of forest fires	[SOP available] / [No SoP]	SOP available	SOP available	SOP available	SOP available	SOP available
AQ5d		Vehicle pollution check centers	[% ULBs covered]	44	44	01	04	02
AQ5e		Dust Suppression Vehicles	[% ULBs covered]	30 %	30 %	0	0	0
AQ6a	AQ6-Development of Air Pollution complaint redressal system	Mobile App / Online based air pollution complaint redressing system of SPCBs	[Available] / [Not available]	Available	Available	Available	Available	Available

### **Air Quality Management Plan for the District is as follows:**

Main sources of air pollution in the District are industrial (mineral grinding, guar gum, mining, stone crusher, etc.), vehicular traffic and domestic cooking in rural areas. This plan aims to reduce the sources and quantity of pollutants, which are responsible for deteriorating the ambient air quality.

<b>Sl No</b>	<b>Point of Action</b>	<b>Strategy and Approach</b>	<b>Stakeholders responsible</b>
1	Air Quality Monitoring and collection of data	<ul style="list-style-type: none"><li>• To be monitored in association with RSPCB.</li><li>• RSPCB will be requested to set up facility in Jodhpur District to monitor Air Quality</li></ul>	RSPCB
2	Inventory of air pollution sources	Inventory of potential air polluting sources will be recorded for betterment of air quality standard parameters.	GM, DI&CC, Jodhpur RSPCB
3	Monitoring of polluting vehicle	<ul style="list-style-type: none"><li>• Emphasis will be given for setting up more Auto Emission Testing Centres in the District in addition to the existing ones.</li><li>• DTO will ensure that all Auto emission Testing Centres functions as per Govt norms.</li></ul>	DTO GM DI&CC
4	Monitoring of compliance by Industries/Brick kilns	To monitor for violation and submit report to RSPCB, DC	GM, DI&CC, Jodhpur RSPCB
5	Creation of awareness	Public awareness to be created through IEC campaign with active participation of SHGs, NGOs, students.	District Administration/ NGOs DIPRO
6	Promotion of clean fuel/new tech. chulhas	BDOs NGOs	District Administration Industrial association.

## Chapter 6

### Mining Activity Management Plan:

S.No.	Action Areas	Details of Data Requirement	Measurable Outcome
MI1	Inventory of Mining in District		
MI1a		Type of Mining activity	Sand Mining, Limstone (Burning), Royolite, Red Ochre, Sandstone, Masanary stone, Jaspar, Granite, Lal pili Mitti ,etc.
MI1b		No. of Mining licences given in the District	ML + QL = Total 556 + 12968 = 13524
MI1c		Area covered under mining	ML + QL = Total 20.82 + 27.00 = 47.82 sq.km.
MI1d		Area of District	22850 sq.km.
MI1e		Sand mining	Yes
MI1f		Area of sand mining	0.52 sq.km. (Khatedari) [ Non- river deposit]
MI 2	Compliance to environmental conditions		
MI 2a		No. of Mining areas meeting Environment Clearence Conditions	ML + QL = Total 556 + 12968 = 13524
MI 2b		No. of Mining areas meeting Conccent Condition of SPCBs/PCCs	ML + QL = Total 556 + 12968 = 13524
MI 3	Mining related environmental complaints		
MI 3a		No. of pollution related complaints against Mining Operation in last 1 year	Nil
MI 4	Action against non-complying mining activity		
MI 4a		No. of Mining operations suspended for violations to environmental norms	Nil
MI 4b		No of direction issued by SPCBs	Nil

**MINING ACTIVITY MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS:**

<b>S.no.</b>	<b>Action Points</b>	<b>Strategy and Approach</b>	<b>Stakeholders responsible</b>
1	Preventing illegal mining	<p>Identification of river stretches where there are chances for illegal sand mining. The frequent surprise checking in those river stretches shall be done by Mining Engineers and SIT, headed by SDM Jodhpur</p> <p>For mining areas, continuously checking is done by mining department with assistance of district administration and police department.</p>	<p>SIT, Mining Engineers, Jodhpur</p> <p>Mining Engineer(Vig.), Jodhpur</p>
2	Monitoring	Checking for violation of approved mining plan/environment norms by the mining departmentant and Pollution Control Board.	<p>PCB, Raj. Mining Engineer, Jodhpur</p>



## Chapter 7

### Noise Pollution Management Plan(for each ULB)

Noise can be defined as an unwanted or undesired sound. When there is a lot of noise in the environment, it is consequentially harms the environment. Like smoking, it affects active and passive recipients when its levels cross certain safe boundaries. Noise pollution affects both human health and behavior and well-being of wildlife.

Most activities that cause pollution are essential to meet the needs of the growing population and development. Therefore, preventive measures to minimize pollutants are more practical than their elimination.

#### Present status

7.0 Noise Pollution Management Plan								
S. No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District	ULB 1- Municipal corporation, Jodhpur	ULB 2-Bilara Municipal Board	ULB 3- Phalodi Municipal Board	ULB 4- PiparCity Municipal Board
NP1a	NP1-Availability of Monitoring equipment	No. of noise measuring devices with District Administration	[Nos] / [None]	None	None	None	None	None
NP1b		No. of noise measuring devices with SPCBs	[Nos] / [None]	04	04	None	None	None
NP2a	NP2-Capability to conduct noise level monitoring by State agency / District authorities	Capability to conduct noise level monitoring by State agency / District authorities	[Available] / [Not available]	Available	Available	Available	Available	Available

NP3a	Management of Noise related complaints	No of complaints received on noise pollution in last 1 year	[Nos]	289	289	1	1	0
NP3b		No of complaints redressed	[Nos]	0	0	0	0	0
NP4a	NP4-Compliance to ambient noise standards	Implementation of Ambient noise standards in residential and silent zones	[Regular activity] / [Occasional] / [Never]	Regular activity	Regular activity	Regular activity	Regular activity	Regular activity
NP4b		Noise monitoring study in District	[Carried out] / [Not carried out]	Carried out	Carried out	Carried out	Carried out	Carried out
NP4c		Sign boards in towns and cities in silent zones	[Installed] / [Partial] / [Not Installed]	Partial	Partial	Not Installed	Not Installed	Not Installed

**Noise Pollution Management Plan for the District is as follows**

<b>S.No</b>	<b>Action Points</b>	<b>Strategy and Approach</b>	<b>Stakeholders Responsible</b>
1	Noise level Monitoring	<ul style="list-style-type: none"> <li>• RSPCB or its authorized agency will conduct noise level monitoring stations.</li> <li>• Monitoring equipment/ noise measuring devices will be procured.</li> </ul>	RSPCB
2	Categorization of areas	<ul style="list-style-type: none"> <li>• Categorization of areas into industrial, commercial residential or silence areas/zones will be completed as soon as possible.</li> <li>• Sign boards will be installed in silent zones.</li> </ul>	District Administration, JDA
3	Restriction on use of loud speakers/ PA system, etc. and monitoring	<ul style="list-style-type: none"> <li>• Loud speaker or a public address system will not be allowed prior permission from the Authority.</li> <li>• A loud speaker or a public address system will not be allowed during night at 10.00 p.m. to 6.00 a.m.</li> <li>• Special team will be made for monitoring during festivals.</li> </ul>	District Administration
4	Monitoring of polluting vehicle	<p>DTO will take steps for monitoring/ checking of the vehicles to ensure that environmental norms are followed by the vehicle owners.</p>	DTO
5	Creation of awareness	<p>Necessary steps will be initiated.</p>	District Administration/ NGOs

## Chapter 8

### Prevention of Illegal Sand Mining

The District have three river beds, viz. Luni , Mithri and Jojari. Of these, the Luni and Mithri river beds are most prominent and most of the illegal mining for Bajri is done in or above river beds areas and along the bank of the river streams. To prevent illegal mining of Bajri, sudden checking is being done by mining team and jointly by SIT and actions are taken as per Rajasthan Minor Mineral Concession Rules (RMMCR), 2017 and Hon'ble High Court orders with respect to prevention of illegal mining, the number of imposed registered cases are given as under;

Duration	No. of registered cases	Amount collected as Penalty (Rs.)	No. of Registered FIR	Registered Istagasha	Seized vehicles
16.11.2017 to 31.03.2018	123	8926930	04	-	118
2018-19	360	30757717	17	-	350
2019-20	201	15099055	36	2	190
2020-21 till 21.12.2020	96	13738494	12	2	90

**राजस्थान सरकार**  
**कार्यालय खनि अभियन्ता, खान एवं भू विज्ञान विभाग, जोधपुर**

**—:अवैध खनन/निर्गमन बजरी नोट:—**

जिला जोधपुर की तहसील जोधपुर, भोपालगढ एवं बिलाडा में कुल 7297.96 है0 क्षेत्र में खनिज बजरी खनन हेतु, एल.ओ.आई. जारी कर माननीय सर्वोच्च न्यायालय के आदेश (दिनांक 25.11.2013) की पालना में दिनांक 24.12.2013 एवं 29.12.2013 को अस्थाई कार्यानुमति राज्य सरकार द्वारा दी गई थी।

माननीय उच्चतम न्यायालय के आदेश दिनांक 16.11.2017 से सम्पूर्ण राज्य में बजरी का खनन पूर्णतया बंद करा दिया गया है, जिसकी पालना में खनिज बजरी के अवैध खनन/निर्गमन के विरुद्ध प्रभावी कार्यवाही की जा रही है। तत्पश्चात् माननीय उच्च न्यायालय, जयपुर के एस.बी.सिविल याचिका संख्या 9458/2018 में पारित अतिरिमि आदेश दिनांक 03.05.2018 की पालना में श्रीमान् जिला कलेक्टर महोदय द्वारा राजस्व विभाग, खनन विभाग, पुलिस विभाग, वन विभाग एवं परिवहन विभाग की एस.आई.टी. (Special Investigation Team) एवं खान विभाग द्वारा लगातार प्रभावी कार्यवाही की जा रही है। कार्यालय क्षेत्राधिकार में माननीय सर्वोच्च न्यायालय के आदेश दिनांक 16.11.2017 के पश्चात् विभाग द्वारा निम्नानुसार कार्यवाही की गई है—

अवधि	दर्ज प्रकरणों की संख्या	वसूल की गई शास्ति राशि	दर्ज एफ. आई. आर. की संख्या	दर्ज इस्तेगासों की संख्या	जब्त वाहन
दिनांक 16.11.2017 से 31.03.2018 तक	123	8926930	04	—	118
2018—19	360	30757717	17	—	350
2019—20	201	15099055	36	2	190
2020—21 (दिनांक 21.12.20 तक)	96	13738494	12	2	90

राजस्थान अप्रधान खनिज रियायत नियमावली, 2017 के नियम 54 के तहत अवैध निर्गमन में लिफ्ट वाहनों से निम्नानुसार कम्पाउंड राशि वसूल की जाती है—

S.no.	Vehicle /Equipment	Compound fee (in Rs.) per unit
1	Tractor trolley	Twenty five thousand
2	Truck/Dumper/any other vehicle weight up to sixteen tonnes (as per registration certificate of the vehicle)	Fifty thousand
3	Truck/Dumper/any other vehicle weight more than sixteen tonnes (as per registration certificate of the vehicle) and wire saw, crane, excavator, loader, power hammer, compressor, drilling machine, etc.	One lacs

माननीय उच्च न्यायालय जोधपुर द्वारा पी.आई.एल. संख्या 4239/2019 खेमसिंह बनाम राजस्थान राज्य मे पारित आदेश दिनांक 03.09.2019 से माननीय हरित अधिकरण के ओरिजनल एप्लीकेशन संख्या 1083/2018, नानगा राम डांगी बनाम अन्य में पारित आदेश दिनांक 11.01.2017 में अधिरोपित कम्पाउण्ड राशि रू. 1,00,000/- पृथक से वसूल करने के आदेश दिये गये।

माननीय उच्च न्यायालय जोधपुर, द्वारा पी.आई.एल. संख्या 4239/2019 खेमसिंह बनाम राजस्थान राज्य मे पारित आदेश दिनांक 03.09.2019 से पूर्व कम्पाउण्ड राशि आर.एम.एम.सी.आर., 2017 के नियम 54, के तहत कम्पाउण्ड राशि एवं खनिज की कीमत की 10 गुना शास्ति राशि वसूल की जाती थी।

## राजस्थान सरकार

### कार्यालय खनि अभियन्ता, खान एवं भू विज्ञान विभाग, जोधपुर सिलिकोसिस बिमारी से पीड़ित / मृतकों को भुगतान से संबंधित नोट

खनिज सेण्ड स्टोन में सिलिका मात्रा अधिक होने के कारण एवं जोधपुर जिले में सेण्ड स्टोन खनन एवं निर्माण कार्य में सेण्ड स्टोन की घड़ाई के दौरान उत्पन्न डस्ट से सिलिका मात्रा अत्यधिक होने एवं डस्ट में सिलिका के छोटे-छोटे कणों के श्वास के दौरान शरीर में प्रवेश करने के कारण सेण्ड स्टोन खनन एवं सेण्ड स्टोन की घड़ाई में सलिप्त मजदूरों को सिलिकोसिस बिमारी होना प्रमुखतया पाया जाता है।

पूर्व में जिला वक्ष चिकित्सालय, कमला नेहरू नगर, जोधपुर में बिमारी से पीड़ित श्रमिकों द्वारा ईलाज हेतु आवेदन करने पर चिकित्सालय का मेडिकल बोर्ड द्वारा पीड़ित की स्केनिंग हेतु दिनांक दी जाती है। तयसुदा दिनांक पर मेडिकल बोर्ड द्वारा जांच पश्चात् सिलिकोसिस बिमारी से पीड़ित श्रमिकों को सिलिकोसिस बिमारी से पीड़ित का चिकित्सा प्रमाण-पत्र जारी किया जाता है। मेडिकल बोर्ड द्वारा सिलिकोसिस पीड़ित का सत्यापन किया जाकर प्रमाण पत्र जारी करने पर जिला नोडल अधिकारी द्वारा रिहैब फण्ड से सहायता राशि का भुगतान किया जाता था।

वर्तमान में श्रमिक को सिलिकोसिस बिमारी से पीड़ित/ग्रसित होने पर श्रमिक द्वारा स्वयं या ई-मित्र के माध्यम से आधार से लिंक कर ऑनलाईन पोर्टल पर आधार प्रमाण पत्र के साथ आवेदन किया जाता है जो ऑनलाईन ही सामुदायिक स्वास्थ्य केन्द्र को फॉवर्ड किया जाता है। सामुदायिक स्वास्थ्य केन्द्र द्वारा पीड़ित की स्वास्थ्य की जांचकर सिलिकोसिस पीड़ित पाये जाने पर मेडिकल बोर्ड द्वारा पीड़ित को तिथि तय कर ऑनलाईन सूचित किया जाता है। मेडिकल बोर्ड द्वारा पीड़ित को तयतिथि को जांच हेतु बुलाया जाता है तथा नियत तिथि को पीड़ित की जांचकर सिलिकोसिस पीड़ित पाये जाने पर प्रमाण पत्र जारी कर ऑनलाईन अपलोड कर अग्रिम कार्यवाही हेतु नोडल अधिकारी जिला कलक्टर को फारवर्ड किया जाता है। चिकित्सालय द्वारा सम्बन्धित पीड़ित से भामाशाह कार्ड तथा आधारकार्ड प्राप्त कर पीड़ित श्रमिक का डाटा ऑनलाईन किया जाता है तथा पीड़ित श्रमिकों को सीधे ही बैंक खाते में भुगतान हेतु भामाशाह डाटा को विभाग की साईट से लिंक कराया जाता है एवं चिकित्सालय द्वारा उपरोक्त कार्यवाही पश्चात् नोडल अधिकारी को आवश्यक अग्रिम कार्यवाही हेतु ऑनलाईन प्रेषित किया जाता है। नोडल अधिकारी द्वारा पीड़ित की श्रेणी अनुसार यदि खान विभाग का है तो खान विभाग को डाटा प्रेषित किया जाता है। खान विभाग द्वारा खान श्रमिक की लोकेशन/बैंक रिकॉर्ड आदि की जांचकर पुनः ऑनलाईन स्वीकृति जारी करने हेतु नोडल अधिकारी को ऑनलाईन डाटा भेज दिया जाता है। नोडल अधिकारी द्वारा ऑनलाईन स्वीकृति जारी कर खान विभाग को भुगतान हेतु स्वीकृति प्रेषित की जाती है। सिलिकोसिस बिमारी से पीड़ित श्रमिक की ऑनलाईन स्वीकृति के आधार पर खान विभाग द्वारा पीड़ित के खाते में ईसीएस के

माध्यम से दिनांक 30.05.2019 तक राशि रूपये एक लाख का भुगतान किया जाता रहा है एवं दिनांक 30.05.2019 के पश्चात् खान विभाग द्वारा सिलिकोसिस बिमारी से पीड़ित श्रमिकों की अनुदान राशि रूपये दो लाख कर दी गयी है। सिलिकोसिस बिमारी से पीड़ित श्रमिक की मृत्यु हो जाने पर मृतक के आश्रित को राशि रूपये एक लाख पचास हजार रूपये ईसीएस के माध्यम से आश्रित के खाते में एवं राशि रूपये एक लाख पचास रूपये की एफ डी आर बनवाई जाती है। जिसका भुगतान तीन वर्ष के पश्चात् देय होता है।

डीएमएफटी योजना आने से पूर्व रिहैब फण्ड से निम्नानुसार सिलिकोसिस पीड़ित/मृतकों सहायता राशि का भुगतान किया गया।

क्र. स.	वर्ष	बोर्ड द्वारा चिन्हित मरीजों की संख्या	कुल राशि भुगतान	भुगतान/वितरित राशि (मरीजों की संख्या)			
				पीडीत	पीडीत को दी जाने वाली राशि	मृतक	मृतक को दी जाने वाली राशि
1	2013-14	118	31 लाख	25	25 लाख	02	06 लाख
2	2014-15	382	306 लाख	201	201 लाख	35	105 लाख
3	2015-16	1540	391 लाख	235	235 लाख	52	156 लाख
4	2016-17	358	1684 लाख	1285	1285 लाख	133	399 लाख
	कुल योग	2398	2412 लाख	1746	1746 लाख	222	666 लाख

इस प्रकार रिहैब फण्ड से वर्ष 2013-14 से 2016-17 तक कुल 1968 व्यक्तियों (1746+222) को कुल राशि 2412 लाख (1746+666) का भुगतान किया गया।

भारत सरकार द्वारा MMDR Act Amendment Ordinance, 2015 के द्वारा डडक्ट 1957 में धारा 9B जोड़कर खनिजों की रायल्टी पर डी.एम.एफ.टी की वसूली का प्रावधान कर खनन गतिविधियों से प्रभावित क्षेत्रों में विकास एवं पर्यावरण संरक्षण हेतु प्रयोग में लिये जाने का प्रावधान किया गया।

प्रधान खनिज की रायल्टी पर डी.एम.एफ.टी वसूली हेतु MINES AND MINERALS (DEVELOPMENT AND REGULATION) Act 2015 को 17.09.2015 को अधिसूचित कर दिनांक 12.01.2015 से डी.एम.एफ.टी. रायल्टी का 30 प्रतिशत वसूली का प्रावधान किया गया। अप्रधान खनिजों की रायल्टी पर डी.एम.एफ.टी. की वसूली का प्रावधान डी.एम.एफ.टी. रूल्स 2016 दिनांक 31.05.2016 को अधिसूचित कर रायल्टी का 10 प्रतिशत डी.एम.एफ.टी. वसूली का प्रावधान किया गया।



डीएमएफटी योजना के पीडी खाते में प्राप्त राशि का विवरण निम्नानुसार है। (राशि रू. करोड़ों में)

कार्यालय का नाम	2016-17	2017-18	2018-19	2019-20	2020-21
खनि अभियन्ता, जोधपुर	—	4.91	13.56	15.42	8.69

डीएमएफटी योजना से सिलिकोसिस पीड़ितों/मृतकों को सहायता राशि भुगतान का विवरण निम्नानुसार है।(राशि रू. लाखों में)

क्र. स.	वर्ष	जारी स्वीकृतियों में लाभार्थियों की संख्या	भुगतान हेतु उपलब्ध राशि	भुगतान/वितरित राशि (मरीजों की संख्या)			
				पीडीत	पीडीत को दी जाने वाली राशि	मृतक	मृतक को दी जाने वाली राशि
1	2018-19	1290	1582 लाख	1144	1144 लाख	146	438 लाख
2	2019-20	757	1501.50 लाख	610	1077 लाख	147	424.50 लाख
3	2020-21	271	467 लाख	115	230 लाख	156	237 लाख
	कुल योग	2318	3550.50	1869	2451 लाख	449	1099.50 लाख

इस प्रकार डीएमएफटी फण्ड से वर्ष 2018-19 से 2019-20 व 2020-21 तक कुल 2318 व्यक्तियों को कुल राशि 3550.50 लाख का भुगतान किया गया। डी.एम.एफ.टी फण्ड से विकास कार्यों हेतु विभिन्न वित्तीय स्वीकृतियों के विरुद्ध राशि रूपये 103 लाख का भुगतान किया गया है।

जिला जोधपुर में सिलिकोसिस से पीड़ित श्रमिकों के प्रकरण निम्नानुसार लम्बित है—

क्रम सं.	प्रकरण लम्बित स्टेज	प्रकरणों की संख्या
1.	सीएचसी लेवल पर स्केनिंग हेतु लम्बित प्रकरण	1438
2.	मेडिकल बोर्ड पर स्केनिंग हेतु लम्बित प्रकरण	1086
3.	सीएचसी/मेडिकल बोर्ड द्वारा निरस्त	17408
4.	प्रमाण पत्र जारी करने के लेवल पर लम्बित प्रकरण	18
5.	पंचायत/नगर निगम लेवल पर लम्बित प्रकरण	143
6.	नोडल ऑफिसर लेवल पर लम्बित प्रकरण	142
7.	नोडल ऑफिसर स्तर पर निरस्त	8
8.	श्रम विभाग लेवल पर लम्बित प्रकरण	2
9.	अन्य विभाग लेवल पर लम्बित प्रकरण	176
10.	श्रम विभाग स्वीकृति हेतु लेवल पर लम्बित प्रकरण	0
11.	खान विभाग स्वीकृति हेतु लेवल पर लम्बित प्रकरण	662
	शेष लम्बित प्रकरण	3667

वर्तमान में जिला स्तर पर उपरोक्त वर्णित तालिका अनुसार कुल 3667 प्रकरण लम्बित है। डीएमएफटी फण्ड में प्रतिमाह कुल एक करोड़ राशि की प्राप्ति होती है। इस कारण सिलिकोसिस पीड़ितों को भुगतान करने हेतु बजट की उपलब्धता नहीं होने के कारण निदेशालय के पत्र दिनांक 1805-1837 दिनांक 18.12.2020 के क्रम में इस कार्यालय के पत्रांक 518 दिनांक 29.12.2020 के द्वारा राशि रुपये 3555 लाख की अतिरिक्त बजट की मांग प्रेषित की गई है।

