

DISTRICT ENVIRONMENT PLAN FOR BHARATPUR DISTRICT



PREAMBLE: -

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

1. Solid Waste Management Plan

- i. Plastic Waste Management
- ii. C&D Waste Management
- iii. Biomedical Waste Management
- iv. Hazardous Waste Management
- v. 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

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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)												
No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District								
				Municipal Board								
	Name of ULB		Nagar Nigam Bharatpur	Bhusawar	Nagar	Weir	Bayana	Kaman	Rupbas	Deeg	Kumher	Nadbai
	No of ULBs in the District		9	4		3		10	9	10		
	Population		[Nos as per 2011 census] 252342	19946	25572	24376	38358	38039	15755	44999	23540	26411
SW1	Report on inventory of total solid waste Generation											
SW1a		Total solid waste Generation	[130.00 MT/Day]	[28 MT/Day]	[13.52 MT/Day]	[28 MT/Day]	[20 MT/Day]	[18 MT/Day]	[6.51 MT/Day]	[18 MT/Day]	[19 MT/Day]	[13.2 MT/Day]
SW1b		Qty. of Dry Waste segregated	[67.00 MT/Day] or [segregated Collection Initiated in few wards]	[6.9 MT/Day]	[6 MT/Day]	[3 MT/Day]	[5 MT/Day]	[10 MT/Day]	[3.91 MT/Day]	[6 MT/Day]	[7 MT/Day]	[3 MT/Day]
SW1c		Qty. of Wet Waste segregated	[62.00 MT/Day] or [segregated Collection Initiated in few wards]	[5.865 MT/Day]	[5 MT/Day]	[3.08 MT/Day]	[10 MT/Day]	[5 MT/Day]	[2.6 MT/Day]	[4 MT/Day]	[9 MT/Day]	[2 MT/Day]

SW1d		Qty. of C&D Waste segregated	[26.00 MT/Day] or [Collection Not initiated]	[1.035 MT/Day]	[1 MT/Day]	[1 MT/Day]	[5 MT/Day]	[1 MT/Day]	[0.01 MT/Day]	[1 MT/Day]	[1 MT/Day]	[0.5 MT/Day]
SW1e		Qty. of Street Sweeping	[6 MT/Day] or [Not estimated]	[2 MT/Day]	[1 MT/Day]	[1.72 MT/Day]	[3 MT/Day]	[2 MT/Day]	[4 MT/Day]	[4 MT/Day]	[2 MT/Day]	[2 MT/Day]
SW1f		Qty. of Drain Silt	[Not estimated]	[4 MT/Day]	[0.52 MT/Day]	[8.8 MT/Day]	[5 MT/Day]	[0 MT/Day]	[10 MT/Day]	[3 MT/Day]	[0 MT/Day]	[5.7 MT/Day]
SW1g		Qty. of Domestic Hazardous Waste(DHW) collected	[Nil] or [No Facility]	0	0	0	0	0	0	0	0	0
SW1h		Qty. of Other Waste (Horticulture, Sanitary waste, etc.)	[9.2 MT/Day] or [Qty not estimated] 9.2	Not Estimated	Not Estimated	Not Estimated	0	Not Estimated	Not Estimated	Not Estimated	Not Estimated	Not Estimated
SW1i		No of Old dump sites	[01 No] or [None]	1	None	None	None	None	None	1	None	None
SW1j		Qty stored in dumpsites	[35000.00 MT] or [Not estimated]	[6000 MT]	0	[1050 MT]	NIL	[5000 MT]	[3500 MT]	[6000 MT]	[5000 MT]	[3170 MT]
SW1k		No of Sanitary landfills	[None] under process	1	0	1	0	1	0	1	1	1
SW1l		No of wards	[65 nos]	20	25	25	0	25	25	30	20	25
SW2	Compliance by Bulk Waste Generators						0					
SW2a		No of BW Generators	[03 numbers] or [inventory not done]	2	0	3	0	0	0	2	0	1
SW2b		No of on-site facilities for	[numbers] or [No data] -0	1	0	3	0	0	0	0	0	1

		Wet Waste										
SW3	Compliance in segregated waste Collection SW Collection (MT Per day)											
SW3a		Total generation	[Automatic] from SW1a - 130	70	13.52	25	20 MT	10	27.03	18	45	13.2
SW3b		Wet Waste	[in MT/Day] or [segregated Collection Initiated in few wards]	5.865	6	3	5 MT	5	2.6	4	9	6.8
SW3c		Dry Waste	[in MT/Day] or [segregated Collection Initiated in few wards]	64.135	5	3.08	10 MT	3	3.91	6	7	4.62
SW3d		C&D Waste	[in MT/Day] or [Collection Not initiated]-22	1.1	1	1	20	1	0.01	1	1	1.2
SW4	Waste Management Operations											
SW4a		Door to Door Collection	[initiated In all wards]-100	100%	100%	100%	100%	100%	100%	100%	100%	100%
SW4b		Mechanical Road Sweeping	Not initiated- Nil	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Not Initiated

SW4c		Manual Sweeping	100%	100%	100%	100%	0	100%	100%	100%	100%	100%
SW4d		Segregated Waste Transport	[100%] / [partial %] / [not initiated]-100	100%	100%	100%	0	100%	100%	100%	80%	100%
SW4e		Digesters (Bio-methanation)	[% of WW] / [not initiated]-Nil	0	0	0	0	0	0	0	0	Not Initiated
SW4f		Composting operation	[% of WW] / [not initiated] -Nil	50%	50%	50%	0	50%	10%	30%	50%	10%
SW4g		MRF Operation	[MRF used] / [not installed] Work in progress	50	50	50	0	50	10	50%	50	10
SW4h		Use of Sanitary Landfill	[% of SW collected]-100 / [no SLF] -Nil	50	50	50	0	50	10	70%	50	50
SW4i		Reclamation of old dumpsites	[initiated] / [not initiated] initiated	Initiated	Initiated	Initiated	0	Initiated	Initiated	Initiated	Initiated	Initiated
SW4j		Linkage with Waste to Energy Boilers / Cement Plants	[initiated] / [not initiated] -Nil	Not Initiated	Not Initiated	Not Initiated	0	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Initiated
SW4k		Linkage with Recyclers	[initiated] / [not initiated] Nil	Not Initiated	Not Initiated	Not Initiated	0	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Initiated
SW4l		Authorization of waste pickers	[initiated] / [not initiated]-	Not Initiated	Not Initiated	Not Initiated	NA	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Initiated

			initiated									
SW4m		Linkage with TSDF / CBMWTF	[initiated] / [not initiated] initiated	Not Initiated	Not Initiated	Not Initiated	NA	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Initiated
SW4n		Involvement of NGOs	[initiated] / [not initiated] initiated	Not Initiated	Not Initiated	Not Initiated	0	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Initiated
SW4o		Linkage with Producers / Brand Owners	[initiated] / [not initiated] initiated	Not Initiated	Not Initiated	Not Initiated	0	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Initiated
SW4p		Authorization of Waste Pickers	Yes				0					Initiated
SW4q		Issuance of ID Cards	[initiated] / [not initiated] initiated	Not Initiated	Not Initiated	Not Initiated	YES	Not Initiated	Not Initiated	Not Initiated	Not Initiated	Initiated
SW5	Adequacy of Infrastructure											
SW5a		Waste Collection Trolleys	[Nos. Required] / [Nos. Available] 19	1	2	2	20	2	0	3	3	2
SW5b		Mini Collection Trucks	[Nos. Required] / [Nos. Available] 02	5	8	12	10	12	5	10	4	6
SW5c		Segregated Transport	[yes] / [no] / [% area covered] Yes (60%)	100	100	100	YES	100	100	100	80	100
SW5d		Bulk Waste Trucks	[Nos. Required] / [Nos. Available] 02	0	0	0	NA	0	0	0	0	0

SW5e		Waste Transfer points	[Nos. Required] / [Nos. Available] / [Not available] Nil	Apr-00		Apr-00	1	Apr-00	Apr-00	Apr-00	Apr-00	0
SW5f		Bio-machination units	[Nos. Required] / [Nos. Available] Nil	1	0	1	NIL	1	0	0	0	0
SW5h		Composting units	[Nos. Required] / [Nos. Available] Nil	3	0	3	-	3	1	2	0	1
SW5i		Material Recovery Facilities	[used or installed] / [not available] Work in Progress	Not Installed	Not Installed	Not Installed	-	Not Installed	Not Installed	Not Installed	Not Installed	Not Installed
SW5k		Waste to Energy (if applicable)	[Required] / [Nos. Available] Nil	Required	Required	Required	-	Required	Required	Required	Required	Required
SW5l		Waste to RDF	[Required] / [Nos. Available] Under Process.	Required	Required	Required	-	Required	Required	Required	Required	Required
SW5m		Sanitary Land fills	[Nos.] / [Nos. Available] Under Process.	Nil	Nil	Nil	-	Nil	Nil	Nil	Nil	Nil

SW5n		Capacity of sanitary landfills	[MT] // [Nos. Available] 20	Nil	Nil	Nil	-	Nil	Nil	Nil	Nil	Nil
SW5o		Waste Deposit Centers (DHW)	[Nos] / [Nos. Available] - Nil	Nil	Nil	Nil	-	Nil	Nil	Nil	Nil	Nil
SW5p		Other facilities	[give or select from list]- Nil	Nil	Nil	Nil	-	Nil	Nil	Nil	Nil	Nil
SW6	Notification and Implementation of By-La						IN PROGRESS					
SW6a		Notification of By-laws	[done] / [in progress] / [not initiated] done	done	done	done	NA	done	done	done	done	done
SW6b		Implementation of by-laws	[done] / [in progress] / [not initiated] done	progress	progress	progress	NA	progress	progress	progress	progress	in progress
SW7	Adequacy of Financial Status of ULB											
SW7a		CAPEX Required	[INR] / [Not required] 3.24 Cr.	5.00 crore	1.00 CORE	5.00 crore	-	5.00 crore	3.00 crore	3.50 crore	3.00 crore	3.00 crore
SW7b		OPEX	[INR per Year] / [% of requirement] Nil	2.00 crore	0.50 LACS	2.00 crore	-	2.00 crore	1.00 crore	1.50 crore	1.00 crore	1.00 crore
SW7c		Adequacy of OPEX	[Yes] / [No] No	NO	NO	NO	-	NO	NO	NO	NO	No

SOLID WASTE MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS:

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

Sl. No.	Action Points	Strategy and approach	Stake holders responsible
1.	Collection, Segregation & Treatment of solid waste	Solid waste to be managed in accordance with the SWM Rules, 2016	ULBs
2.	Strengthening the capacities of the ULBs	All ULB 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.	ULBs
3.	Notification and Implementation of By-Laws	ULBs will frame bye-laws incorporating the provisions of SWM Rules, 2016 and notify accordingly.	ULBs DIPRO
4.	Awareness	Public awareness to be created through IEC campaign with participation of SHGs, NGOs, students. Leaflets explaining waste segregation practice to be distributed in the entire household.	ULB NGOs SHGs Insp. of Schools DIPRO
5.	Monitoring and Review	EO of ULBs will time to time monitor/review the performance of their respective ULB on waste segregation, processing, treatment and disposal and take corrective measures. Dist. Level Committee will also sit bi-monthly to review the status of execution of SWM.	EO of ULBs Dist. Level Committee

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 Multilayered 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:

(ii) Plastic Waste Management (for each ULB)												
No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District								
				Municipal Board								
	Name of ULB		Nagar Nigam Bharatpur	Bhusawar	Nagar	Weir	Bayana	Kaman	Rupbas	Deeg	Kumher	Nadbai
	Population		[Nos as per 2011 census] 2,52,342	19946	25572	24376	38358	38039	15755	44999	23540	26411
PW1	Inventory of plastic waste generation											
PW1a		Estimated Quantity of plastic waste generated in District	[MT/day] / [Not Estimated] 10.40	0.004MT/Day	0.52	4.00MT/Day	1	1.00MT/Day	2.00MT/Day	0.80MT/Day	1.2.00MT/Day	1.2
PW2	Implementation of Collection						100%					
PW2a		Door to Door collection	[100%] / [partial %] / [not initiated] 100	100%	100%	100%	60%	100%	100%	100%	100%	100%
PW2b		Segregated Waste collection	[partial %]	40%	60%	60%	100%	50%	60%	60%	60%	80%
PW2c		Plastic waste collection at Material	[MRF used] / [not installed]	Not Installed	Not Installed	Not Installed	NA	Not Installed	Not Installed	Not Installed	Not Installed	Not Installed

		Recovery Facility	under process										
PW2d		Authorization of PW pickers	[Nos] / [not initiated] initiated	Not Installed	Not Installed	Not Installed	YES	Not Installed	Not Installed	Not Installed	Not Installed	Not Installed	Not Installed
PW2e		PW collection Centers	[Nos] / [not established] Nil	1	1	1	-	1	0	1	1	1	1
PW3	Establishment of linkage with Stakeholders						-						
PW3a		Established linkage with PROs of Producers	[Nos] / [not established] not established	Not Established	Not Established	Not Established	-	Not Established	Not Established	Not Established	Not Established	Not Established	Not Established
PW3b		Established linkage with NGOs	[Nos] / [not established] not established	Not Established	Not Established	Not Established	NA	Not Established	Not Established	Not Established	Not Established	Not Established	Not Established
PW4	Availability of facilities for Recycling or utilization of PW						NA						
PW4a		No. of PW recyclers	[Nos] 0	Nil	Nil	Nil	-	Nil	Nil	Nil	Nil	Nil	Nil
PW4b		No Manufacturers	[Nos] 0	Nil	Nil	Nil	-	Nil	Nil	Nil	Nil	Nil	Nil
PW4c		No of pyrolysis	[Nos] 0	Nil	Nil	Nil	-	Nil	Nil	Nil	Nil	Nil	Nil

		oil plants										
PW4d		Plastic pyrolysis	[Quantity in MT sent per Month] 0	Nil	Nil	Nil	-	Nil	Nil	Nil	Nil	Nil
PW4e		Use in road making	[Quantity MT used per Month] 0	Nil	Nil	Nil	-	Nil	Nil	Nil	Nil	Nil
PW4f		Co-processing in Cement Kiln	[Quantity in MT sent per Month] 0	Nil	Nil	Nil	YES	Nil	Nil	Nil	Nil	Nil
W5	Implementation of PW Management Rules, 2016						-					
W5a		Sealing of units producing < 50-micron plastic	[All sealed] / [Partial] / [no action] no action	No action	No action	No action	-	No action	No action	No action	No action	No action
PW5b		Prohibiting sale of carry bags < 50 micron	[Prohibited] / [Partial] / [no action] no action	Partial	Partial	Partial	YES	Partial	Partial	Partial	Partial	Partial
PW5c		Ban on Carry bags and other single use plastics as notified by State Government	[Implemented] / [Partial] / [no action] / [No Ban] Implemented	Partial	Partial	Partial	IN PROGRESS YES	Partial	Partial	Partial	Partial	Partial

PW6	Implementation of Extended Producers Responsibility (EPR) through Producers/Brand- owners					-						
PW6a	No of Producers associated with ULBs	[Nos] / [None] No	None	None	None	NA	None	None	None	None	None	None
PW6b	Financial support by Producers /Brand owners to ULBs	[Nos] / [None] No	None	None	None	NA	None	None	None	None	None	None
PW6c	Amount of PRO Support	[Rs...] 0	Nil	Nil	Nil	NA	Nil	Nil	Nil	Nil	Nil	Nil
PW6d	Infrastructure support by Producers / Brand owners to ULBs	[Nos of Producers] / [None] None	None	None	None	NA	None	None	None	None	None	None
PW6e	No of collection centers established by Producers / Brand owners to ULBs	[Nos] / [None] None	None	None	None	NA	None	None	None	None	None	None

PLASTIC WASTE MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS:

Plastic waste to be managed in accordance with the Plastic Waste Management (Amendment) Rules, 2018 with an emphasis on the 3R principles of Reduce, Reuse and Recycle;. ULBs will manage the Plastic Waste generated under their respective jurisdiction while PHE will manage plastic waste in respect of rural areas as per proposal being prepared for engagement of GP wise vendor for Plastic Waste collection

Sl No	Action Points	Strategy and approach	Stake holders responsible
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	ULBs
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	ULBs
3	Availability of facilities for Recycling or utilization of PW	Each ULBs in consultation with DI&CC will prepare plan for setting up facilities for Recycling or utilization of PW. Plan to be submitted in next Dist Committee meeting.	ULBs GM DI&CC
4	Implementation of PW Management Rules, 2016	To Ensure Implementation of PW Management Rules, 2016, and 2018 ULBs in association with Dist administration will conduct Surprise inspection on the commercial establishments for the eradication of banned plastic and imposes fine for those who store, sell and use the same. Public Awareness and participation also to be created in this regard	ULBs
5	Implementation of Extended Producers Responsibility (EPR) through Producers/ Brand-owners	ULBs will identify Producers/Brand-owners and will act in accordance with Govt policies/notifications in this regard	ULBs

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 15300 kg / Day. Municipalities and Gram 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:

PRESENT SCENARIO IN THE DISTRICT:

(iii) C&D Waste Management			
No.	Action Areas	Details of Data Requirement	Measurable Outcome
	Name of ULB		Municipal Corporation Bharatpur
	Population		[Nos as per 2011 census- 252342]
CD1	Inventory of C&D waste generation		
CD1a		Estimated Quantity	[Not estimated]
CD2	Implement scheme for permitting bulk waste generators		Not estimated
CD2a		Issuance of Permissions by ULBs	[Initiated] / [Not initiated]
CD3	Establishment of C&D Waste Deposition centers		
CD3a		Establishment of Deposition Points	[Yes]
CD3b		C&D Deposition point identified	[Yes]
CD4	Implementation of By- Laws for CD Waste Management		
CD4a		Implementation of By-laws	Under process
CD4b		Collection of Deposition / disposal Charges	Under process
CD5	Establishment of C&D Waste recycling plant or linkage with such facility		
CD5a		Establishment CD Waste Recycling Plant	Under process
CD5b		Capacity of CD Waste Recycling Plant	[Not available]

C & D WASTE MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS

Sl No	Action Points	Strategy and approach	Stake holders responsible
1	Inventory of C&D waste generation	<ol style="list-style-type: none"> 1. Survey and Investigate the C & D generators under the jurisdiction of ULB. 2. Identify regular bulk waste generators(Contractors or Builders) 3. Distribution of Staffs in Collecting , Transporting and Processing of C & D 4. Treatment of C & D Wastes or Transformation 	ULB Staffs
2	Implement scheme for permitting bulk waste generators	<ol style="list-style-type: none"> 1. Contractors/Builders should have registration id in the ULBs to collect & transfer the C & D Wastes to the C & D Deposition Center for treatment. 2. The Generators should contact the ULB staffs or Constructors/Builders 3. The generators should be charged as per by law. 	<ol style="list-style-type: none"> 1. C & D Wastes generators 2. Contractors/ Builders 3. ULB Staffs 4. C & D Deposition Center staffs
3	Establishment of C&D Waste Deposition centers	<ol style="list-style-type: none"> 1. Identify and allocation of land for deposition center 2. Construction and fencing of deposition center. 3. Identify the transportation point. 	<ol style="list-style-type: none"> 1. ULB 2. NGOs
4	Implementation of By-Laws for C & D Waste Management	<ol style="list-style-type: none"> 1. Publish notification for registration of C & D Waste generators, generator charge, transportation cost, selling price, etc. By-Laws. 	<ol style="list-style-type: none"> 1. ULB staffs 2. C & D Deposition center staffs
5	Establishment of C&D Waste recycling plant or linkage with such facility	<ol style="list-style-type: none"> 1. Involve NGOs or to startups to establish a C&D Waste recycling plant, 2. Any ULB initiative (if possible) 	NGOs

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 154 bedded hospitals and 1 non bedded health care facility in the district along with 12 path labs which produces significant amount of Bio Medical Waste.

(iv) Biomedical Waste Management (for each ULB)													
No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for District									
				Municipal Board									
	Name of ULB		[name of ULB]	Bharatpur	Bhusawar	Nagar	Weir	Bayana	Kaman	Rupbas	Deeg	Kumher	Nadbai
	Population		[Nos as per 2011 census]	252342	19946	25572	24376	38358	38039	15755	44999	23540	26411
BMW1	Inventory of Biomedical Waste Generation												
BMW1a		Total no. of Bedded Hospitals	[Nos] / [No inventory]	70	3	8	13	14	12	6	8	12	8
BMW1b		Total no. of non-bedded HCF	[Nos] / [No inventory]	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
BMW1c		Total no. Clinics	[Nos] / [No inventory]	12	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
BMW1d		No of Veterinary Hospitals	[Nos] / [No inventory]	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
BMW1e		Pathlabs	[Nos] / [No inventory]	12	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
BMW1f		Dental	[Nos] / [No inventory]	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

		Clinics	inventory]										
BMW1g		Blood Banks	[Nos] / [No inventory]	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
BMW1h		Animal Houses	[Nos] / [No inventory]	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
BMW1i		Bio-research Labs	[Nos] / [No inventory]	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
BMW1j		Others	[Nos] / [No inventory]	1	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
BMW2	Authorization of HCFs by SPCBs / PCCs												
BMW2a		Bedded HCFs	[Nos Authorized]	66	3	8	13	13	12	6	8	12	8
BMW2b		Non-bedded HCFs	[Nos Authorized]	22	-	-	-	-	-	-	-	-	-
BMW3	Biomedical Waste Treatment and Disposal Facilities (CBMWTFs)				.			-					
BMW3a		No of CBMWTFs	[Nos] / None	None	None	None	None	None	None	None	None	None	None
BMW3b		Linkage with CBMWTFs	[Yes] / [no linkage]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
BMW3c		Capacity of CBMWTFs	[Adequate] / [Not adequate]	[Adequate]	[Adequate]	[Adequate]	[Adequate]	[Adequate]	[Adequate]	[Adequate]	[Adequate]	[Adequate]	[Adequate]

BMW3d		Requirements of CBMWTFs	[Require] / [not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]	[Not required]
BMW3e		Captive Disposal Facilities of HCFs	[Nos] / [None]	[None]	[None]	[None]	[None]	[None]	[None]	[None]	[None]	[None]	[None]
BMW4	Compliance by CBMWTF												
BMW4a		Compliance to standards	[Meeting] / [Not meeting] / [NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]	[NA]
BMW4b		Barcode tracking by HCFs /CBMWTFs	[100%] / [Partly %] / [None]	[100%]	[100%]	[100%]	[100%]	[100%]	[100%]	[100%]	[100%]	[100%]	[100%]
BMW4c		Daily BMW lifting by CBMWTFs	[Kg / day]	231 Kg/Day									
BMW5	Status of Compliance by Healthcare Facilities												
BMW5a		Pre-segregation	[100%] / [partly %] / [None]	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
BMW5b		Linkage with CBMWTFs	[100%] / [partly %] / [None]	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

BIOMEDICAL WASTE MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS:

Sl. No	Action Points	Strategy and approach	Stake holders responsible
1.	Collection, Segregation & Treatment of solid waste	Biomedical Waste to be managed in accordance with the Bio Medical Waste Management Rules, 2016.	All HCF concerned
2.	Preparation of 'Inventory of Biomedical Waste Generation'	Inventorisation of Occupiers and data on bio-medical waste generation, treatment & disposal which are to be updated at least two times each year	Jt. DHS, Bharatpur 1. Dist. Vet. Officer 2. All BDOs
3.	Capacity building/training of HCFs	HCF should be made aware of their roles and responsibilities under the Bio Medical Waste Management 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 in accordance with the BMWM Rules, 2016.	Jt. Director Of Health Services, Bharatpur
4.	Authorization of HCFs	Every HCFs and Clinical Establishment will be asked to get authorization from PCB Raj As per the Bio Medical Waste Management Rules, 2016	PCB Raj Jt. DHS Bharatpur EO of All MBs
5.	Biomedical Waste Treatment and	Matter relating to setting up a Common Biomedical Waste Treatment and Disposal Facilities (CBMWTFs) in the	Dist Admin. PCB Raj

	Disposal Facilities (CBMWTFs)	district will be taken up with Health Deptt/PCB	Jt. DHS, Bharatpur
6.	Monitoring and Review	<p>District Level Monitoring Committee under the chairmanship of district Collector, Bharatpur to monitor the compliance of the provisions of these rules by the HCFs</p> <p>The District Level Monitoring Committee will comprise of ADC (Health), Jt.DHS, Bharatpur, representatives from PCB Raj, Public Health Engineering Department, ULBs, Indian Medical Association among others</p> <p>Jt.DHS, Bharatpur will be the Member Secretary of this Committee.</p>	District Level Monitoring Committee

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:

(v) Hazardous Waste Management				
No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for district
HW1	Inventory of Hazardous Waste			
HW1a		No of HW Generating Industry	[04 Nos.]	
HW1b		Quantity of HW	[33.931 MT/Annum]	
HW1c		Quantity of Incinerable HW	[5.841 MT/Annum]	
HW1d		Quantity of land-fillable HW	[27.19 MT/Annum]	
HW1e		Quantity of Recyclable / Utilizable HW	Nil	
HW2	Contaminated Sites and illegal industrial hazardous waste dumpsites			
HW2a		No of HW dumpsites	[None]	

HW2c		Probable Contaminated Sites	[None]	
HW3	Authorization by SPCBs/PCCs			
HW3a		No of industries authorized	[04 Nos]	
HW3b		Display Board of HW Generation in front of Gate	[01 Nos]	
HW3	Availability of Common Hazardous Waste TSDF			
HW3a		Common TSDF	Sent to Other District within State (CTDF Udaipur & Continental ,Alwar)	
HW3b		Industries linkage with TSDF	[04 Nos.]	
HW4	Linkage of ULBs in District with Common TSDF			
HW4a		ULBs linked to Common TSDFs for Domestic Hazardous Waste	[No]	

HAZARDOUS WASTE MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS:

Sl. No.	Action Points	Strategy and approach	Stake holders responsible
1.	Preparation of 'Inventory of Hazardous Waste Generators'	Including 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 Centers (DICC) GM, DI&CC, Bharatpur 2. EO of ULBs 3. PCB, Raj 4. All BDOs
2.	Awareness/training of Waste Generators	ULBs take necessary steps for public awareness 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, Bharatpur 2. Representative from PCB Raj
3.	Authorization of Industries	PCB Raj	
4.	Waste deposition centers for domestic hazardous waste	ULBs will establish waste deposition centers for domestic hazardous waste and give direction for waste generators to deposit domestic hazardous wastes at this centre for its safe disposal.	ULBs

5.	Monitoring of Compliance	<p>District Level Monitoring Committee under the chairmanship of district collector, Bharatpur to monitor the compliance of the provisions of Hazardous waste Management Rules. The District Level Monitoring Committee will comprise of ADC GM, DI&CC Bharatpur, representatives from PCB Raj, Public Health Engineering Department, ULBs as members among others. GM, DI&CC Bharatpur shall be the Member Secretary of this Committee.</p>	District Level Monitoring Committee
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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:

(vi) E-Waste Waste Management			
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	[None]
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	[No]
EW5	Creation of Awareness on Waste handling and disposal		
EW5a		Does PROs / Producers conducted any District level Awareness Campaigns	[No]
EW5c		Does District Administration conducted any District level Awareness Campaigns	[Yes] Awareness campaign program is started for awareness

E- WASTE MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS:

Sl No	Action Points	Strategy and approach	Stake holders responsible
1.	Collection of E-Waste	<ul style="list-style-type: none">• Collection Centers to be established by ULBs in District• Door to door collection• Authorizing E-Waste collectors	EO of ULBs
2.	Control E-Waste related pollution and Awareness	<ul style="list-style-type: none">• Creation of Awareness on E-Waste handling and disposal	Dist Administration, GM DI&CC, ULBs NGOs

CHAPTER 2 - WATER QUALITY MANAGEMENT PLAN

There is no polluted river stretch or waste water producing industry in the district. However time to time surprise checking would be done to ensure that no untreated water from any industry is released in the water bodies.

PRESENT SCENARIO IN THE DISTRICT:

Ground water availability is not adequate in the district as per current measurement and estimation.

2.0 Water Quality Management Plan				
No.	Action Areas	Details of Data Requirement	Measurable Outcome	Please enter Measurable Outcome for district
WQ1	Inventory of water resources in District			
WQ1a		Rivers	[Nos] and [Length in Km]	3 Non perennial rivers having length of 125 KM
WQ1b		Length of Coastline	[in Km]	Nil
WQ1c		Nalas/Drains meeting Rivers	[Nos]	Nil
WQ1d		Lakes / Ponds	[Nos] and [Area in Hectares]	197 dams having CCA of 68250 hectares and capacity of 7910 MCFT. (41 dams maintained by WRD and 156 transfer to PRI's). All dams except Bundh baretha filled in rainy season for inundation irrigation. After rains done empty for bed cultivation. Bundh baretha used as storage tank for irrigation and drinking water supply to Bharatpur city.
WQ1e		Total Quantity of sewage and industrial discharge in District	[Automatic] (SW1a+IW1b)	Nil

WQ2	Control of Groundwater Water Quality			
WQ2a		Estimated number of bore-wells	[Nos]	Not related to WRD
WQ2b		No of permissions given for extraction of groundwater	[Nos]	Not related to WRD
WQ2c		Number of groundwater polluted areas	[Nos]	Not related to WRD
WQ2d		Groundwater Availability	[adequate] / [not adequate]	Not related to WRD
WQ3	Availability of Water Quality Data			Not related to WRD
WQ3a		Creation of monitoring cell	[Yes] / [No]	Not related to WRD
WQ3b		Access to Surface water and groundwater quality data at DM office	[Available] or [Not available]	Not related to WRD
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 by PRT S
WQ4b		Dumping of SW on river banks	[Fully Controlled] / [Partly controlled] / [no Measures taken]	Fully controlled

WQ4c		Control measures for idol immersion	[Measures taken] / [Measures taken post immersion] / [No Measures taken]	Measures taken, however rivers are non perennial.
WQ5	Control of Water Pollution in Rivers			
WQ5a		Percentage of untreated sewage	[%] (automatic SM1g/SM1a)	Nil
WQ5b		Monitoring of Action Plans for Rejuvenation of Rivers	[Monitored] / [Not monitored][not applicable]	Monitored
WQ5c		No of directions given to industries for Discharge of Untreated industrial wastewater in last 12 months	[Nos]	(1)Water not received in Banganga river after year 2004. No sewage water, industrial effluents, solid waste/bio waste being discharged in river in Bharatpur District. (2) Water received in Gambhir river in year 2003,2004,2005,2008,2010,2012,2013,2016,2018.No sewage water , industrial effluents, solid waste/bio waste being discharged in river in Bharatpur District. (3)Water received in Ruparail river in year 2003, 2006 to 2013, 2016.No sewage water, industrial effluents, and solid waste/bio waste being discharged in river in Bharatpur District.

WQ6	Awareness Activities			
WQ6a		District level campaigns on protection of water quality	[Nos in previous year]	2(Environment Day and Earth Day)
WQ7	Oil Spill Disaster Contingency Plan			
WQ7a		Creation of District Oil Spill Crisis Management Group	[Created] / [Not Created]	Not created
WQ7b		Preparation District Oil Spill Disaster Contingency Plan	[Prepared] / [Not Prepared]	Not created
WQ8	Protection of Flood plains			
WQ8a		Encroachment of flood plains is regulated.	[Yes] / [No]	Yes
WQ9	Rainwater Harvesting			
WQ9a		Action plan for Rain water harvesting	[Implemented] / [Not implemented]	Implemented

WATER QUALITY MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS:

No.	Action Points	Strategy and approach	Stake holders responsible
1	Inventory of water resources in District	Inventory of water resources in District covering Rivers and other natural water bodies, Nalas/ Drains meeting Rivers Lakes / Ponds, etc which is to be completed within Nov,2019 Total Quantity of sewage and industrial discharge are also to be assessed	CEO Zilla Parishad DFO ULBs
2	Collection of Water Quality Data	A monitoring cell with representatives from PHE, WR, UWS etc will be constituted. The cell will updated action will be taken accordingly.	EE PHE,
3	Control of Groundwater Water Quality	EE PHE, ULBs	
4	Control of River side Activities	River side activities like River Side open defecation, Dumping of SW on river banks, Idol immersion etc. to be controlled	Dist. Admin EE PHE, BDOs EO of ULBs
5	Awareness Activities	District level campaigns on protection of water quality and Control of Water Pollution in Rivers	EE PHE BDOs
6	Protection of Flood plains	Encroachment of flood plains to be regulated.	Dist. Admin Circle Officers,
7	Rainwater Harvesting	A separate Action plan for Rain water harvesting in line with Govt policy would be prepared.	
8	Repair and treatment of water bodies/Talav	Some water bodies have been identified so far for restoration/ repair/and treatment work	Dist. Admin BDOs Forest Deptt ULB officials CEO zila Parishad Land and water resource deptt

CHAPTER 3 - DOMESTIC SEWAGE MANAGEMENT PLAN:

PRESENT SCENARIO IN THE DISTRICT:

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 (Nagar Nigam BTP)	[31.93 MLD]
SM1b		No of Class-II towns and above (Nagar Nigam BTP)	Nil
SM1c		No of Class-I towns and above (Nagar Nigam BTP)	[01 Nos]
SM1d		No of Towns needing STPs (Nagar Nigam BTP)	[01 Nos]
SM1e		No of Towns STPs installed (Nagar Nigam BTP)	[02 Nos]
SM1f		Quantity of treated sewage flowing into Rivers (directly or indirectly) (Nagar Nigam BTP)	Nil
SM1g		Quantity of untreated or partially treated sewage (directly or indirectly) (Nagar Nigam BTP)	[Automatic] Nil
SM1h		Quantity of sewage flowing into lakes (Nagar Nigam BTP)	Nil
SM1i		No of industrial townships (Nagar Nigam BTP)	Nil
SW2	Adequacy of Available Infrastructure		

	for Sewage Treatment		
SM2a		% sewage treated in STPs (Nagar Nigam BTP)	[Automatic] Construction work in progress
SM2b		Total available Treatment (Nagar Nigam BTP) Capacity	[13.0 MLD]
SM2c		Additional treatment capacity required (Nagar Nigam BTP)	[18.93 MLD]
SM3	Adequacy of Sewerage Network		
SM3a		No of ULBs having partial underground sewerage network (Nagar Nigam BTP)	[01 Nos]
SM3b		No of towns not having sewerage network (Nagar Nigam BTP)	-
SM3c		% population covered under sewerage network (Nagar Nigam BTP)	[Automatic] 42%

DOMESTIC SEWAGE MANAGEMENT PLAN FOR THE DISTRICT FOLLOWS:

Sl No	Action Points	Strategy and approach	Stake holders responsible
1	Inventory of Sewage Management	Survey and identification all Households to ensure proper drainage and management of sewage.	ULB
2	Adequacy of Available Infrastructure for Sewage Treatment	<p>1. Some Household 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
4	Inventory of Sewage Management	Survey and identification all Households to ensure proper drainage and management of sewage.	ULB
5	Adequacy of Available Infrastructure for Sewage Treatment	<p>1. Some Household 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

CHAPTER 4 - INDUSTRIAL WASTE WATER MANAGEMENT PLAN

PRESENT SCENARIO IN THE DISTRICT

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	Nil
IWW1b		Total Quantity of industrial waste water generated	Nil
IWW1c		Quantity of treated IWW discharged into Nalas / Rivers	Nil
IWW1d		Quantity of un-treated or partially treated IWW discharged into lakes	Nil
IWW1e		Prominent Type of Industries	Agro based(Oil Mill Kachhi Ghani Covered under Green Category)
IWW1f		Common Effluent Treatment Facilities	Not Required
IWW2	Status of compliance by Industries in treating waste water		
IWW2a		No of Industries meeting Standards	Not Applicable
IWW2b		No of Industries not meeting discharge Standards	Not Applicable
IWW2c		No of complaints received or number of recurring complaints against industrial pollution in last 3 months	Nil
AWW4	Status of Action taken for not meeting discharge standards		
IWW4a		No industries closed for exceeding standards in last 3 months	Not Applicable
IWW4b		No of industries where Environmental Compensation was imposed By SPCBs	Nil

Industrial Wastewater Management Plan for the district is as follows:

All the industries producing chemically and physically polluted water will be identified and located. 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

PRESENT STATUS OF THE DISTRICT

5.0 Air Quality Management Plan			
No.	Action Areas	Details of Data Requirement	Measurable Outcome
AQ1a	Availability of Air Quality Monitoring Data	Manual Air Quality monitoring stations of SPCBs /CPCB	[03 Nos]
AQ1c		Automatic monitoring stations Operated by SPCBs / CPCB	Nil
AQ2	Inventory of Air		
AQ2a	Pollution Sources	Identification of prominent air polluting sources	Brick Kiln{ 153 Brick kilns, operational only the zig-zag technology - 81 }
AQ2b		No of Non-Attainment Cities	Nil
AQ2c		Action Plans for non- attainment cities	Not Applicable
AQ3	Availability of Air		
AQ3a	Quality Monitoring Data at DMs Office	Access to air quality data from SPCBs & CPCB through Dashboard	[Available]
AQ4	Control of Industrial Air Pollution		
AQ4a		No of Industries meeting Standards	81 Nos Zig Zag technology Brick kiln industry
AQ4b		No of Industries not meeting discharge Standards	Nil

AQ5			
AQ5a	Control of Non-industrial Air Pollution sources	Control open burning of Stubble-during winter	Nil
AQ5b		Control Open burning of Waste – Nos of actions Taken	Nil
AQ5c		Control of forest fires	[SOP available with forest department]
AQ5d		Vehicle pollution check centers	[100% ULBs covered]
AQ5e		Dust Suppression Vehicles	Dust suppression done by water tankers if required
AQ6	Development of Air Pollution complaint redressal system		
AQ6a		Mobile App / Online based air pollution complaint redressing system of SPCBs.	Not available

AIR QUALITY MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS:

Main Sources of Air pollution in the district are Industrial (Brick Industry/crusher), Vehicular traffic, and Domestic cooking (Rural areas). This plan aims to reduce the sources and amount of pollutants responsible for reducing the ambient air quality.

Sl. No.	Point of Action	Strategy and approach	Stake holders responsible
1	Air Quality Monitoring and Collection off data	<ul style="list-style-type: none"> To be monitored in association with PCB. PCB will be requested to set up facility in Bharatpur district to monitor Air Quality 	PCB
2	Inventory of Air Pollution Sources	Inventory of potential Air Polluting Sources will be made for better monitoring.	GM, DI&CC, Bharatpur PCB
3	Monitoring of polluting vehicle	<ul style="list-style-type: none"> Stress will be given for setting up more Auto Emission Testing Centers in the district in addition to the existing centers. DTO will ensure that all Auto Emission Testing Centers functions as per Govt norms. 	DTO GM DI&CC
4	Monitoring of compliance by Industries/Brick kilns	They will monitor for violation and submit report to PCB, DC	GM, DI&CC Bharatpur PCB
5	Creation of Awareness	Public awareness to be created through IEC campaign with participation of SHGs, NGOs, students.	Dist Administration/ NGOs DIPRO
6	Promotion of Clean fuel/new tech. chulhas	BDOs NGOs	

CHAPTER 6 - MINING ACTIVITY MANAGEMENT PLAN:

PRESENT STATUS

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	[Masonry stone] / [Sand stone] / [Silica sand] / [Red ochere]. Multiple selection in order of magnitude of operations
MI1b		No of Mining licenses given in the District	[654 Nos]
MI1c		Area covered under mining	2422.66 Hect.
MI1d		Area of District	[5066 Sq-KM
MI1e		Sand Mining	Nil
MI1f		Area of sand Mining	Nil
MI2	Compliance to Environmental Conditions		
MI2a		No of Mining areas meeting Environmental Clearance Conditions	568 Environmental clearances received
MI2b		No of Mining areas meeting Consent Conditions of SPCBs /PCCs	447 C.T.O. received
MI3a	Mining related environmental Complaints		
MI3b		No of pollution related complaints against Mining Operations in last 1 year	2
MI4	Action against non-complying mining activity		
MI4a		No of Mining operations suspended for violations	7

		to environmental norms	
MI4b		No of directions issued by SPCBs	No

MINING ACTIVITY MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS

Sl. No.	Action Points	Strategy and approach	Stake holders responsible
1	Preventing illegal mining	<p>Identification of river stretches where there are chances for illegal sand mining and Frequent surprise checks in those river stretches by Circle Level Committees.</p> <p>Circle level Committee to be headed by the Circle officer and will comprise among others officials from Forest Dept., BDO. etc</p>	<p>Circle Officer</p> <p>DFO</p> <p>BDOs</p>
2	Monitoring	<p>Checking for Violation of approved mining plan/environmental norms by the</p> <p>DFO will notify a Phone number to receive mining related complaints will give wide publicity of the number.</p>	<p>PCB, Raj</p> <p>DFO</p>

CHAPTER 7 - NOISE POLLUTION MANAGEMENT PLAN

Noise can be defined as unwanted or undesired sound and Noise pollution simply means when there is a lot of noise in the environment which is consequentially harming the environment. Like smoking, noise pollution affects active and passive recipients when noise levels cross certain safe boundaries. Noise pollution affects both human health and behavior. Noise pollution also impacts the health 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			
No.	Action Areas	Details of Data Requirement	Measurable Outcome
NP1	Availability Monitoring equipment	No. of noise measuring devices with district administration	None
NP1a			
NP1b		No. of noise measuring devices with SPCBs	[01 Nos] { portable }
NP2	Capability to conduct noise level monitoring by State agency /District authorities	capability to conduct noise level monitoring by State agency / District authorities	[Available by RSPCB]
NP2a			
NP3	Management of Noise related complaints	No of complaints received on noise pollution in last 1 year	1
NP3a			
NP3b		No of complaints redressed	1

NP4	Compliance to ambient noise standards	Implementation of Ambient noise standards in residential and silent zones	[Regular Activity]
NP4a			
NP4b		Noise monitoring study in district	[not carried out]
NP4c		Sign boards in towns and cities in silent zones	[Partial Installed]

NOISE POLLUTION MANAGEMENT PLAN FOR THE DISTRICT IS AS FOLLOWS

Sl No	Action Points	Strategy and approach	Stake holders responsible
1	Noise level Monitoring	<ul style="list-style-type: none"> • PCB or its authorized Agency will conduct Noise level Monitoring. • Monitoring equipment/ noise measuring devices will be procured. 	PCB
2	Categorization of areas	<ul style="list-style-type: none"> • Categorization of areas into industrial, commercial residential or silence areas/zones will be completed soon. • Sign boards will be installed in Silent zones. 	PCB All EO of ULBs
3	Restriction on use of loud speakers/ PA system etc and monitoring	<ul style="list-style-type: none"> • Loud speaker or a public address system will not allow to be used without obtaining written permission from the authority. • A loud speaker or a public address system will not allow to be used at night (between 10.00 p.m. to 6.00 a.m.) • Special team for monitoring during festivals. 	District Administration

4	Monitoring of polluting vehicle	DTO will take steps for monitoring/ checking of vehicles to ensure environmental norms are followed by the vehicles.	DTO
5	Creation of Awareness	Steps will be taken to make	Distt. Administration / NGOs