

PROFORMA FOR SUBMITTING INFORMATION ON SOLID WASTE MANAGEMENT

Name of City/Town:	Ajmer	District:	
Name of Municipal Body:	Ajmer Municipal Council	Division:	
Address:		State:	Rajasthan
Telephone:		Fax:	
Email:		Website:	
• DEMOGRAPHY			
.1	Name of Officer In-Charge	Health Officer	
.2	Area of Municipal Corporation /Council (Please provide map showing legal limits of municipal body) (km ²)	45.5 sq. km	
.3	No. of wards / zones	9 zones	
.4	Total population (as per 1991 census)	4.45 lakhs (as per the year 1990)	
.5	Total population (as per 2001 census)	No Information	
.6	Population		
	• Urban & Slum	No Information	
.1	Floating population	5000	
.2	Total no. of household	No Information	
.3	Average maximum temperature (°C)	42.0	
.4	Average minimum temperature (°C)	3.3	
.5	Average yearly maximum rainfall (mm)	187.4	

•	GENERATION OF MUNICIPAL SOLID WASTE	
.1	Total MSW generation (MT/day)	131.16
.2	MSW generation (gms/capita/day)	290
.3	Of the total MSW generated	
•	Quantity of domestic MSW, commercial MSW, industrial (non-toxic and non-hazardous) waste, waste from markets, waste from hotels and restaurants (MT/day)	No Information
.1	Composition of MSW (Attach separate sheet)	
•	Physical characteristics	
○	Biodegradable (%)	31.36 – 57.80
○	Coconut	1.28 – 3.57
○	Paper (%)	0.30 – 2.35
○	Rubber & Leather	0.65 – 1.07
○	Plastic (%)	0.20 – 3.12
○	Rags	0.36 – 6.22
○	Wooden matter	1.13 – 1.58
○	Glass (%)	0.10 – 0.80
○	Metal (%)	0.10 – 0.15
○	Earthenware, Stones & Bricks	3.85 – 21.82
○	Inert, ash, debris (%)	18.70 – 54.05
•	Chemical characteristics	
○	Moisture (%)	25.20 – 41.20
○	pH value	7.5 – 8.2
○	Organic matter (%)	30.99 – 46.18
○	Carbon (%)	17.97 – 26.78
○	Nitrogen (%)	0.49 – 0.80
○	Phosphorous as P ₂ O ₅ (%)	0.50 – 0.69
○	Potassium as K ₂ O (%)	0.46 – 0.60
○	C/N ratio	33.47 – 38.10
○	Calorific value (kCal/kg)	880 - 1310
○	Density of MSW (kg/m ³)	
•	SWEEPING	

.1	Total length of roads (with or without footpath) (km)	No Information
	• Total length of cement-concrete, asphalted, Kutchha roads (km)	No Information
.1	Total no. of sweepers employed	No Information
.2	Working hours of sweepers	8 Hours
.3	Norms of sweeping (e.g. one sweeper per ... population, or one sweeper per ... sq. m. area, or one sweeper per ... RMT road)	One sweeper per 300 m ² densely populated area 500 m ² medium densely populated area 1000 m ² in thinly populated areas
.4	Sweeping carried out at a location by	<ul style="list-style-type: none"> ○ One sweepers ○ Two sweepers ○ Three or more sweepers
.5	Sweeping waste is put in a...	<ul style="list-style-type: none"> ○ Box type wheel barrow ○ Containerised handcart ○ Cane or bamboo basket ○ Roadside bin ○ Open dump ○ Directly in the vehicle
.6	Frequency of sweeping	<ul style="list-style-type: none"> ○ All seven days a week ○ Six days in a week ○ Alternate days ○ Any other frequency (Please mention)
.7	Total no. of wheel barrows provided	170 handcarts
.8	Total no. of containerised handcarts provided	No Information
.9	Total capacity of wheel barrow (kg)	No Information
.10	No. of containers and its capacity in kg	No Information
.11	Type of broom provided	<ul style="list-style-type: none"> ○ Long handle (No.:)
.12	Any other equipment provided (e.g. spade, shovel, tikow)	Ghamela
.13	Protective gear provided (e.g. leather hand gloves, gumboots, mask)	Soap, medical allowance, terrycot and woollen garments
	• COLLECTION, STORAGE AND TRANSPORTATION	
.1	Area covered for collection of MSW	No Information
.2	No. of households covered	No Information

.3	No. of households covered under door-to-door collection (bell ringing)	No Information			
.4	Is the collection carried out by municipal authority or private contractor or NGO?	No Information			
.5	Is the segregation is carried out at source?	Yes/No			
.6	Total quantity collected (MT/day)	No Information			
.7	Whether littering is prohibited by the municipality?	Yes/No.			
.8	Whether litterbins are provided?	Yes/No			
.9	Frequency of waste collection	<input type="radio"/> Once in 24 hours <input type="radio"/> Twice in 24 hours <input type="radio"/> Thrice in 24 hours <input type="radio"/> Alternate days <input type="radio"/> Any other frequency (Please mention)			
.10	Is waste collected every day <i>i.e.</i> 7 days a week and 365 days a year?	Yes/No			
.11	Total number, type, size, and capacity of storage bins / container / trailers provided	No Information			
.12	Whether the bins are open or closed?	No Information			
.13	Whether all bins are attended/cleaned daily? <i>(i.e.</i> 7 days a week and 365 days a year)	Yes/No			
.14 Vehicle details					
Type	Total No.	Capacity (MT)	Daily required	At present available	Additional proposed
Compactor (mobile)					
Dumper placer (with 2.5 m ³ containers)	1				
Dumper placer (with 4.5 m ³ / 7 m ³ containers)					
Open truck	8				
Open truck with tipping					
Tractor-trailer with tipping	4				

with tipping		
Tractor-trailer with tipping	4	2-3
Tractor-trailer without tipping		
Auto rickshaw with/without tipping		
Tricycle with/without tipping		
Any other type		
Total		
.16	If the vehicles are open to atmosphere, are they covered with temporary plastic sheet?	Yes/No
	• COLLECTION SYSTEM	
.1	Approximate MSW collected (MT)	No Information
	<ul style="list-style-type: none"> ○ Household (urban) ○ Slums ○ Street sweeping ○ Shops & commercial establishments ○ Markets ○ Hotels, restaurants, eating houses ○ Gardens, parks, fairs ○ Slaughter houses ○ Building sites (debris, earth, etc.) 	
.2	No. of premises / establishments	No Information
.3	No. of hotels, restaurants, eating houses	No Information
.4	Guesthouses, Marriage halls, Hostels, Cinema halls, Theatres, Stables and no. of animals,	No Information
.5	Hospitals/ clinics/ nursing homes	No Information
	Total no. of beds	

.6	Parks, gardens, recreation places like lakes, amusement parks	No Information
.7	Building sites (under construction)	No Information
.8	Slaughter houses	No Information

•	PROCESSING AND DISPOSAL OF MSW	
.1	Total quantity of MSW processed (MT/day)	131.16
.2	Technology / technologies adopted	No Information
.3	Compost produced (MT/year)	No Information
	Is it done mechanically?	Yes/No
	Is it the compost sold?	Yes/No
.4	Vermi-compost produced (MT/day)	No Information
	Is the vermi-compost sold?	Yes/No
.5	Pellets produced (MT/day)	No Information
	Are the pellets sold?	Yes/No
.6	Energy produced (MW/MT/day)	No Information
.7	Dumping grounds/landfill sites	No Information
	• No. of dumping grounds/ landfill sites	No Information
	• Area of each dumping ground/ landfill site	No Information
	• Whether the area will be sufficient for next 25 years	Yes/No
	• Distance (in km) of dumping ground / landfill site from ...	
	○ Habitation, Drinking water source, Religious or monument places	No Information
	• Distance from airport or airbase	No Information
	• Has it been designed scientifically	Yes/No
	• Has the existing dumping ground been upgraded as required by MSW Rules, 2000	Yes/No
.1	Whether the following facilities are provided	

• Weighbridge	Yes/No
• Fencing	Yes/No
• Approach roads/ internal roads	Yes/No
• Lighting facility	Yes/No
• Site office with monitoring equipment	Yes/No
• Managerial staff and manpower	Yes/No
• Covering material used daily as per Rules 2000	Yes/No
Is it available in sufficient quantity?	Yes/No
• Gas venting arrangement	Yes/No
• Leachate collection system	Yes/No
• INSTITUTIONAL ARRANGEMENTS	
.1 SWM services provided in the city/town by	Municipality/ Private contractor/ NGO
.2 Total no. of Supervisory Staff provided (e.g. Health officer/ Assistant Health officer/ Chief Sanitary Inspector/ sanitary Inspector/ Sanitary Supervisors, etc.)	No Information
.3 Total no. of sweepers/ Pourakarmikas/ labourers/ Mukadam/ Jathedars/ Daffedars, etc.	No Information
.4 Organisational structure	(Furnish separate sheet)
• PRIVATISATION	
.1 Whether any of the following service is privatised?	
• Sweeping	Yes/No
• Door-to-door collection	Yes/No
• Community collection	Yes/No
• Transportation	Yes/No
• Processing of MSW	Yes/No
• Sanitary landfilling	Yes/No
• Details of NGO/ CBO/ Residential groups involved in any schemes/ projects initiated by municipal body in SWM/ clean city program	No Information
• COST IMPLICATIONS IN SWM	
.1 Expenditure (in Rupees/Year)	No Information

•	Total cost of SWM services under various heads	Rs. 10,86,000/- (year)
•	Establishment including salaries, uniforms, etc	No Information
•	Tools, equipment, and consumables including disinfectant	No Information
•	Operation and maintenance of garbage vehicles including fuel, oil, spare parts, tyres, batteries, etc	No Information
•	Hiring charges for contractors' vehicle & machinery, bulldozers, JCBs, etc	No Information
•	Other miscellaneous expenses	No Information
.1	The above total cost in terms of following activities (Rupees/Year)	
•	Sweeping, Collection, Transportation, Processing, Disposal / sanitary landfill cost	No Information
.1	Cost recovery	No Information
	Cost of SWM services in Rupees per capita per year	No Information
	Cost of SWM services in Rupees per tonne of MSW	No Information
•	OTHER FACILITIES	
.1	What facilities are provided for the following?	
•	Biomedical waste, Diary related activities, Slaughter house and unauthorised slaughtering, Construction, demolition, debris and silt, Encroachments on footpaths, in parks	No Information
•	How many slums have been identified and whether there are provided with sanitation facilities?	No Information
•	Is there any enforcement wing for taking renal actions?	Yes/No
	Recovery of administrative charges	No Information
	Fines under Municipal/Police Act	No Information
	Recourse to Municipal Act bye-laws	No Information

•	Whether any cases are registered and settled during last three years?	Yes/No
•	SPECIAL/ UNIQUE SCHEMES OR INITIATIVES¹	
.1	Recycling schemes for plastic, PET bottles	Yes/No
.2	Encouraging community activity such as ALM ² formation	Yes/No
.3	Encouraging people's participation by building-wise or building complex-wise waste segregation and processing of organic waste by vermi-composting or composting	Yes/No
.4	Training needs for sanitary workers on health and safety issue	Yes/No
.5	Development of tools and implements	Yes/No
.6	Please provide list of potential NGO for implementing any of the initiatives (any association registered with municipal body/ unregistered local area management)	No Information
•	AWARENESS	
.1	Are you aware of the various notifications of the Ministry of Environment and Forests, Government of India	No Information
	Place:	
	Date:	Signature of the Municipal Commissioner / The Health Officer/ The Chief Engineer (SWM)
		Stamp

Note: Please provide small note on the geographical and historical background of the city, tourist places, monuments, pilgrimage places, main industrial areas, industries, GNP, GDP, Airport, Airbase, main events and main people of national and international importance, *etc.*

¹ Details of schemes can be provided on a separate sheet

2 Advance Locality Management