

PROFORMA FOR SUBMITTING INFORMATION ON SOLID WASTE MANAGEMENT

Name of City/Town:	JALNA	District:	JALNA
Name of Municipal Body:	JALNA Municipal Council	Division:	Aurangabad
Address:		State:	Maharashtra
Telephone:	30871 - 74	Fax:	
Email:		Website:	
<b>• DEMOGRAPHY</b>			
.1	Name of Officer In-Charge	M.O., Dr. Sumitra D. Gadiya	
.2	Area of Municipal Corporation /Council (Please provide map showing legal limits of municipal body) (km <sup>2</sup> )	20 sq. km	
.3	No. of wards / zones	18 wards / 6 zones	
.4	Total population (as per 1991 census)	1,74,985	
.5	Total population (as per 2001 census)	2,35,635	
.6	Population		
	• Urban	1,62,625	
	• Slums	70,000	
.1	Floating population	10,000	
.2	Total no. of household	35221	
<b>• GENERATION OF MUNICIPAL SOLID WASTE</b>			
.1	Total MSW generation (MT/day)	35 MT	
.2	MSW generation (gms/capita/day)	150 gm	
.3	Of the total MSW generated		
	• Quantity of domestic MSW (MT/day)	27	
	• Quantity of commercial MSW (MT/day)	2	
	• Quantity of industrial (non-toxic and non-hazardous) waste (MT/day)	0	
	• Quantity of waste from markets (MT/day)	1	
	• Quantity of waste from hotels and restaurants (MT/day)	5	
<b>• SWEEPING</b>			
.1	Total length of roads (with or without footpath) (km)	24.94 km	

	• Total length of asphalted roads (km)	145.93 km
	• Total length of Kutchha roads (km)	70.82
.1	Total no. of sweepers employed	
	• Departmental	114
.1	Working hours of sweepers	4 hrs for sweeping
.2	Norms of sweeping (e.g. one sweeper per ... population, or one sweeper per ... sq. m. area, or one sweeper per ... RMT road)	<b>One sweeper per 5000 sq. m area</b>
.3	Sweeping carried out at a location by	<ul style="list-style-type: none"> <li>○ <b>One sweeper</b></li> <li>○ Two sweepers</li> <li>○ Three or more sweepers</li> </ul>
.4	Sweeping waste is put in a...	<ul style="list-style-type: none"> <li>○ Box type wheel barrow</li> <li>○ Containerised handcart</li> <li>○ Cane or bamboo basket</li> <li>○ <b>Roadside bin</b></li> <li>○ Open dump</li> <li>○ Directly in the vehicle</li> </ul>
.5	Frequency of sweeping	<ul style="list-style-type: none"> <li>○ <b>All seven days a week</b></li> <li>○ Six days in a week</li> <li>○ <b>Alternate days</b></li> <li>○ Any other frequency (Please mention)</li> </ul>
.6	Total no. of wheel barrows provided	500 wheel barrow
.7	Total capacity of wheel barrow (kg)	500 kg
	<b>• COLLECTION, STORAGE AND TRANSPORTATION</b>	
.1	Area covered for collection of MSW	60% of the city
.2	No. of households covered	30,224
.3	No. of households covered under door-to-door collection (bell ringing)	No
.4	Is the collection carried out by municipal authority or private contractor or NGO?	Municipality
.5	Is the segregation is carried out at source?	No
.6	Total quantity collected (MT/day)	35 MT

.7	MSW collected in mixed form (MT/day)				Mixed Waste				
.8	Total number, type, size, and capacity of storage bins / container / trailers provided				RCC bins : 150				
.9	Whether all bins are attended/cleaned daily? (i.e. 7 days a week and 365 days a year)				Yes				
.10	Whether the lifting of waste from the bins is manual or mechanical?				Manual & Mechanical				
.11	Vehicle details								
	Type	Total No.	Capacity (MT)	Daily required	At present available	Additional proposed			
	Dumper placer (with 2.5 m <sup>3</sup> containers)		1 MT		1	1			
	Open truck		2 MT		2	2			
	Open truck with tipping					2			
	Tractor-trailer with tipping		1 MT		6	4			
	Tricycle with or without tipping		500 kgs		2	2			
.12	Collection details								
	Type of vehicle	No. of vehicles used	No. of shifts	Capacity (MT)	No. of trips/ shift	Distance travelled / shift	Quantity of MSW carried / shift (MT)	Quantity of MSW carried out / day (MT)	No. of workers / vehicle
	Dumper placer (with 2.5 m <sup>3</sup> containers)	1		1 MT	2	20 kms	2 MT		
	Open truck	2		2 MT	3	30 kms	6 MT		
	Tractor-trailer with tipping	6		1 MT	3	60 kms	18 MT		
	Ghanta gadi	2		500 kgs	2		2 MT		
	<b>Total</b>						28 MT		
<ul style="list-style-type: none"> <li><b>COLLECTION SYSTEM</b></li> </ul>									
.1	Approximate MSW collected (MT)				35 MT				

	<ul style="list-style-type: none"> <li>○ Household (urban)</li> <li>○ Slums</li> <li>○ Street sweeping</li> <li>○ Shops &amp; commercial establishments</li> <li>○ Markets</li> <li>○ Hotels, restaurants, eating houses</li> </ul>	<p>15 MT</p> <p>10</p> <p>1</p> <p>2</p> <p>5</p> <p>2</p>
.2	No. of premises / establishments <ul style="list-style-type: none"> <li>○ Households</li> <li>○ Slums, households, population</li> <li>○ Vegetable and fruit markets</li> <li>○ Fish and meat markets</li> </ul>	<p>35,221</p> <p>17 / 3859</p> <p>4</p> <p>2</p>
.3	No. of hotels, restaurants, eating houses <ul style="list-style-type: none"> <li>○ No. of star hotels</li> </ul>	<p>95</p> <p>3 Star – 2, 4 Star – 2</p>
.4	Guesthouses	3 Private – 20
.5	Marriage halls	10
.6	Hostels	3
.7	Cinema halls	7
.8	Theatres	1
.9	Parks, gardens, recreation places like lakes, amusement parks	3 parks, 15 gardens
.10	Slaughter houses	1
<ul style="list-style-type: none"> <li>● <b>PROCESSING AND DISPOSAL OF MSW</b></li> </ul>		
.1	Dumping grounds/landfill sites	
	<ul style="list-style-type: none"> <li>● No. of dumping grounds/ landfill sites</li> </ul>	1 H 20 R
	<ul style="list-style-type: none"> <li>● Distance (in km) of dumping ground / landfill site from ...</li> </ul>	10 km
	<ul style="list-style-type: none"> <li>● Has it been designed scientifically</li> </ul>	No
.1	Whether the following facilities are provided	

• Weighbridge	No
• Fencing	No
• Lighting facility	Yes
• Managerial staff and manpower	No
• Covering material used daily as per Rules 2000	No
Is it available in sufficient quantity?	No
• Gas venting arrangement	Not available
• Leachate collection system	Provision not made
<b>• PRIVATISATION</b>	
.1 Whether any of the following service is privatised?	
• Sweeping	No
• Door-to-door collection	No
• Transportation	No
• Processing of MSW	No
If no, whether any future plans for privatisation	No
• Details of NGO/ CBO/ Residential groups involved in any schemes/ projects initiated by municipal body in SWM/ clean city program	No
<b>• COST IMPLICATIONS IN SWM</b>	
.1 Expenditure (in Rupees/Year)	
• Establishment including salaries, uniforms, etc	Rs. 1,74,00,000
• Tools, equipment, and consumables including disinfectant	Rs. 2,00,000
• Operation and maintenance of garbage vehicles including fuel, oil, spare parts, tyres, batteries, etc	Rs. 6,00,000
• Hiring charges for contractors' vehicle & machinery, bulldozers, JCBs, etc	Rs. 4,00,000
.1 The above total cost in terms of following activities (Rupees/Year)	

• Sweeping cost	} Rs. 35,47,500
• Collection cost	}
• Transportation cost	Rs. 1,44,92,500
• Disposal / sanitary landfill cost	Rs. 5,60,000
.1 Cost recovery	
• Annual expenditure for SWM services	Rs. 186 lacs
Cost of SWM services in Rupees per capita per year	Rs. 78.94
Cost of SWM services in Rupees per tonne of MSW	Rs. 1486
<b>• OTHER FACILITIES</b>	
.1 What facilities are provided for the following?	
• How many slums have been identified and whether there are provided with sanitation facilities?	Yes (17) have sanitation
• Is there any enforcement wing for taking renal actions?	No
<b>• SPECIAL/ UNIQUE SCHEMES OR INITIATIVES<sup>1</sup></b>	
.1 Recycling schemes for plastic, PET bottles	No
.2 Encouraging community activity such as ALM <sup>2</sup> formation	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	No
.4 Training needs for sanitary workers on health and safety issue	Yes
.5 Development of tools and implements	Yes
<b>• AWARENESS</b>	
.1 Are you aware of the various notifications of the Ministry of Environment and Forests, Government of India	

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<sup>1</sup> Details of schemes can be provided on a separate sheet

<sup>2</sup> Advance Locality Management

<ul style="list-style-type: none"> <li>• Municipal Solid Waste (Management and Handling) Rules, 2000</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Recycled Plastics Manufacture and Usage Rules, 1999</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Biomedical Waste (Management and Handling) Rules, 1998</li> </ul>	Yes
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.*