Name c	of City/Town:	Achalpur		District:		
Name of Municipal Body: Acha		Achalpur Municipal Council		Division:	Amravati	
Address	s:	Achalpur		State:	Maharastra	
Telepho	one:	20372		Fax:		
Email:				Website:		
•	DEMOGRAPHY					
.1	Name of Officer In-C	harge	-			
.2	Area of Municipal Corporation /Council (Please provide map showing legal limits of municipal body) (km ²)			16.8		
.3	No. of wards / zones		12 no			
.4	Total population (as per 1991 census)			96,229		
.5	Total population (as per 2001 census)			1,07,304		
.6	Population					
•	Urban					
•	Slums & Urban poor		57,70	5		
.1	Floating population		Not e	stimated		
.2	Total no. of househo	ld	19,64	7		
.3	Average maximum te	emperature (ºC)	-			
.4	Average minimum te	mperature (°C)	-			
.5	Average yearly maxi	mum rainfall (mm)	-			
.6	Average maximum h	umidity	-			
.7	Average minimum h	umidity	-			
.8	Average depth of wa	ter table	-			
.9	Altitude (<i>i.e.</i> mean se	ea level)	-			

PROFORMA FOR SUBMITTING INFORMATION ON SOLID WASTE MANAGEMENT

•	GENERATION OF MUNICIPAL SOL	ID WASTE
.1	Total MSW generation (MT/day)	25
.2	MSW generation (gms/capita/day) pe	er person 200
.3	Of the total MSW generated	
•	Quantity of domestic MSW (MT/day)	14
•	Quantity of commercial MSW (MT/da	y) 5
•	Quantity of industrial (non-toxic and r hazardous) waste (MT/day)	non- 0
•	Quantity of waste from markets (MT/	day) 4.5
•	Quantity of waste from hotels and res (MT/day)	staurants 1.5
.1	Composition of MSW (Attach separate	te sheet)
•	Physical characteristics	
	o Biodegradable (%)	
	o Paper (%)	0.75
	o Plastic (%)	2.91
	o Glass (%)	0.20
	o Metal (%)	-
	 Inert, ash, debris (%) 	52
	 Rags (%) 	1.35
	o Stone (%)	-
	 Rubber / Tyre (%) 	0.49
	 Coconut shell (%) 	-
•	Chemical characteristics	Chemical Analysis has not been carried out
	o Carbon (%)	-
	 Nitrogen (%) 	-
	• Phosphorous as P_2O_5 (%)	-
	• Potassium as K ₂ O (%)	-
	o C/N ratio	-
	 Calorific value (kCal/kg) 	-
	 Density of MSW (kg/m³) 	-
	o Moisture content (%)	-
•	SWEEPING	

.1	Total length of roads (with or without footpath) (km)	32
_	Total length of cement-concrete roads (km)	_
	Total length of asphalted roads (km)	32.9
		-
•	Total length of Kutchha roads (km)	-
.1	Total no. of sweepers employed	150
•	Departmental	-
•	Contracted	-
.1	Working hours of sweepers	-
.2	Norms of sweeping (<i>e.g.</i> one sweeper per population, or one sweeper per sq. m. area, or one sweeper per RMT road)	One sweeper per 700 population One sweeper per 1500 Rft
.3	Sweeping carried out at a location by	-
.4	Sweeping waste is put in a	Roadside bins
.5	Frequency of sweeping	-
.6	Total no. of wheel barrows provided	No information
.7	Total no. of containerised handcarts provided	-
.8	Total capacity of wheel barrow (kg)	-
.9	No. of containers and its capacity in kg	-
.10	Type of broom provided	Short handle brooms,
.11	Any other equipment provided (<i>e.g.</i> spade, shovel, tikow)	Ghamela, spade, collection Tray
.12	Protective gear provided (<i>e.g.</i> leather hand gloves, gumboots, mask)	Gumboots
•	COLLECTION, STORAGE AND TRANSPORTATI	ON
.1	Area covered for collection of MSW	4.2 sq. kms
.2	No. of households covered	5000
.3	No. of households covered under door-to-door collection (bell ringing)	Not in a practise
.4	Is the collection carried out by municipal authority or private contractor or NGO?	Municipal council
.5	Is the segregation is carried out at source?	-
	If no, what steps have been taken?	-
.6	Total quantity collected (MT/day)	7 to 10 MT

.7	MSW collected in mixed form (MT/day)	-
.8	MSW collected in segregated form (MT/day)	-
.9	Whether littering is prohibited by the municipality?	-
.10	Whether litterbins are provided?	-
.11	Frequency of waste collection	-
.12	Is waste collected every day <i>i.e.</i> 7 days a week and 365 days a year?	-
	If no, give details	-
.13	Total number, type, size, and capacity of storage bins / container / trailers provided	-
.14	Whether the bins are open or closed?	-
.15	Whether all bins are attended/cleaned daily? (<i>i.e.</i> 7 days a week and 365 days a year)	-
	If no, mention details	-
.16	Whether the lifting of waste from the bins is manual or mechanical?	Manual

.17 Vehicle de	etails		
Dumper placer (with 4.5 m ³ / 8 m ³ containers)			
Open truck			
Open truck with tipping			
Tractor-trailer without tipping			
Auto rickshaw with or without tipping			
Tricycle with or without tipping			
Any other type (please mention)			

.18	Colle	ection details							
Type vehic		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
Open tru	uck	2	-	2.5	-	-	-	-	-
Tractor- trailer wi tipping		5	-	1	10	4.5	10	-	-
Any othe type	ər	-	-	-	-	-	-	-	-
Total									
.19		e vehicles are o ered with tempo			ney Yes/N	10			
•	COL	LECTION SYS	STEM						
.1	Арр	roximate MSW	collected (N	1T)					
	0	Household (u	ırban)		8				
	0	Slums			4				
	0	Street sweep	ing		3				
	0	Shops & com	mercial esta	ablishments	2				
	0	Markets			4				
	0	Hotels, restau parks, fairs	urants, eatin	g housesGard	ens, 1.5				
	0	Slaughter hou	uses		1.5				
	0	Building sites	debris, ea	th, <i>etc</i> .)	Nil				
.2	No.	of premises / e	stablishmen	ts					
	0	Households			-				
	0	Shops, comm	nercial estab	lishments	-				
	0	Slums, house	eholds, popu	lation	-				
	0	Vegetable an	d fruit marke	ets	-				
	0	Fish and mea	at markets		-				
	0	Hawkers			-				
.3	No.	of hotels, resta	urants, eatir	ng houses	-				
	0	Grade / class	; 1		-				
	0	Grade / class	; 11		-				

	o Grade / class III	-
	• No. of star hotels	-
.4	Guesthouses	-
.5	Marriage halls	-
.6	Hostels	-
.7	Cinema halls	-
.8	Theatres	-
.9	Stables and no. of animals	-
.10	Hospitals/ clinics/ nursing homes Total no. of beds	5 hospitals, 31 private nursing homes & clinics
.11	Parks, gardens, recreation places like lakes, amusement parks	-
.12	Building sites (under construction)	-
.13	Slaughter houses	-

•		PROCESSING AND DISPOSAL OF MSW	
.1		Total quantity of MSW processed (MT/day)	12
.2		Technology / technologies adopted	-
	0	Composting (MT/day)	Unscientific manner composting
	0	Vermiculture (MT/day)	-
	0	Pelletisation (MT/day)	-
	0	Waste to energy (MT/day)	-
.3		Composting	-
		Compost produced (MT/year)	-
		Is it done mechanically?	-
		Is it the compost sold?	-
		If yes, the quantity sold (MT/year)	-
	•	Total revenue generated (Rupees/year)	-
.1		Vermi-composting	-
		Vermi-compost produced (MT/day)	-
		Is the vermi-compost sold?	-
		If yes, the quantity sold (MT/year)	-
	•	Total revenue generated (Rupees/year)	-
.1		Pelletisation	-
		Pellets produced (MT/day)	-
		Are the pellets sold?	-
		If yes, the quantity sold (MT/year)	-
	•	Total revenue generated (Rupees/year)	-
.1		Waste to energy	-
	•	Energy produced (MW/MT/day)	-
		Incineration	-
		Pyrolysis	-
		Bio-methanation	-
		Any other (Please mention)	-
	•	Revenue generated (Rupees/year)	-
.1		Dumping grounds/landfill sites	-

•	MSW disposed off by open dumping (MT/day) [mixed/inert]	-
•	MSW disposed off by controlled dumping (MT/day) [mixed/inert]	-
•	MSW disposed off by sanitary landfill (MT/day) [mixed/inert]	-
•	No. of dumping grounds/ landfill sites	-
	Whether municipality legally owns them?	-
•	Area of each dumping ground/ landfill site	-
•	Whether the area will be sufficient for next 25 years	-
•	If no, then what steps have been taken to acquire land?	-
•	Distance (in km) of dumping ground / landfill site from	-
	o Habitation	-
	o Drinking water source	-
	 Religious or monument places 	-
•	Distance from airport or airbase	-
•	Has it been designed scientifically	-
•	Has the existing dumping ground been upgraded as required by MSW Rules, 2000	-
	If no, what steps have been taken (provide details)	-
.1	Whether the following facilities are provided	-
•	Weighbridge	-
•	Fencing	-
•	Approach roads/ internal roads	-
•	Lighting facility	-
•	Site office with monitoring equipment	-
•	Managerial staff and manpower	-
•	Covering material used daily as per Rules 2000	-
	Is it available in sufficient quantity?	-

•	Gas venting arrangement	-
•	Leachate collection system	-
•	INSTITUTIONAL ARRANGEMENTS	
.1	SWM services provided in the city/town by	Sr. Sanitary Inspector
.2	Total no. of Supervisory Staff provided (<i>e.g.</i> Health officer/ Assistant Health officer/ Chief Sanitary Inspector/ sanitary Inspector/ Sanitary Supervisors, <i>etc.</i>)	SI - 51
.3	Total no. of sweepers/ Pourakarmikas/ labourers/ Mukadam/ Jathedars/ Daffedars, <i>etc</i> .	Jamadar – 34 Sweepers – 150
.4	Organisational structure	-
•	PRIVATISATION	
.1	Whether any of the following service is privatised?	
•	Sweeping	No
•	Door-to-door collection	No
•	Community collection	No
•	Transportation	No
•	Processing of MAW	No
•	Sanitary landfilling	No
	If yes, provide details	-
	If no, whether any future plans for privatisation	-
•	Details of NGO/ CBO/ Residential groups involved in any schemes/ projects initiated by municipal body in SWM/ clean city program	-
•	COST IMPLICATIONS IN SWM	
.1	Expenditure (in Rupees/Year)	

 Total cost of SWM services under various heads Establishment including salaries, uniforms, etc 27,86,789 Tools, equipment, and consumables including disinfectant Operation and maintenance of garbage vehicles including fuel, oil, spare parts, tyres, batteries, etc Hiring charges for contractors' vehicle & - machinery, bulldozers, JCBs, etc Other miscellaneous expenses The above total cost in terms of following activities (Rupees/Year) Sweeping cost Collection cost 9,59,337 	
 Tools, equipment, and consumables including disinfectant Operation and maintenance of garbage vehicles including fuel, oil, spare parts, tyres, batteries, <i>etc</i> Hiring charges for contractors' vehicle & - machinery, bulldozers, JCBs, <i>etc</i> Other miscellaneous expenses - The above total cost in terms of following activities (Rupees/Year) Sweeping cost 16,54.614 Collection cost 9,59,337 	
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.1 The above total cost in terms of following activities (Rupees/Year) • Sweeping cost 16,54.614 • Collection cost 9,59,337	
activities (Rupees/Year) Sweeping cost Collection cost 9,59,337 	
Collection cost 9,59,337	
Transportation cost 2,24,343	
Processing cost 1,91,688	
Disposal / sanitary landfill cost	
.1 Cost recovery	
Tipping fee or trade refuse charges (Rupees/Year)	
 Revenue generation (by sale of compost, vermi-compost, energy/ gas, <i>etc.</i> (Rupees/Year) Rs. 7000 – Rs. 12,500 (99-00 & 00-01) 	
Annual expenditure for SWM services 30.30	
Cost of SWM services in Rupees per capita 28.23 per year	
Cost of SWM services in Rupees per tonne of 336.66 MSW	
• OTHER FACILITIES	
.1 What facilities are provided for the following? -	

•	Biomedical waste	There are 5 hospitals under the council & 31 private nursing home & clinics. At present there is no system for handling bio – medical waste. However Letters issued for registration according to BMW rules 1998
•	Diary related activities	-
•	Slaughter house and unauthorised slaughtering	All sanitation facilities provided to Municipal council slaughter house
•	Construction, demolition, debris and silt	-
•	Encroachments on footpaths, in parks	-
•	How many slums have been identified and whether there are provided with sanitation facilities?	-
•	Is there any enforcement wing for taking renal actions?	-
	Recovery of administrative charges	-
	Fines under Municipal/Police Act	-
	Recourse to Municipal Act bye-laws	-
•	Whether any cases are registered and settled during last three years?	-
	No. of cases registered during last three years	-
	No. of cases settled during last three years	-
	Total recovery during last three years	-
	Malba (construction debris) lifting / Slit	Malba lifted by house owners, in a race cases by MC
•	SPECIAL/ UNIQUE SCHEMES OR INITIATIVES	j ¹
.1	Recycling schemes for plastic, PET bottles	-
.2	Encouraging community activity such as ALM ² formation	-
.3	Encouraging people's participation by building- wise or building complex-wise waste segregation and processing of organic waste by vermi-composting or composting	-
.4	Training needs for sanitary workers on health and safety issue	-
.5	Development of tools and implements	-

¹ Details of schemes can be provided on a separate sheet

² Advance Locality Management

.6	Please provide list of potential NGO for implementing any of the initiatives (any association registered with municipal body/ unregistered local area management)	-
•	AWARENESS	
.1	Are you aware of the various notifications of the Ministry of Environment and Forests, Government of India	-
•	Municipal Solid Waste (Management and Handling) Rules, 2000	-
•	Recycled Plastics Manufacture and Usage Rules, 1999	-
•	Biomedical Waste (Management and Handling) Rules, 1998	
•	Coastal Regulatory Zones Rules, 1991 (amended up to 2002)	-
	Place: Mumbai	
	Date:20 - 1- 2005	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*.