

Model Action Plan

Sr. Activit No. ies	Action points as per CPCB Guidelines	Likely Procedures / Requirements	Time-frame as per CPCB Guidelines	Action points as per Municipal corporations	Particulars	Total Waste Generated (if typewise generation is not available)	Total Waste Generated
2	Survey/ Assessme ent Each local body undertake assessment of quantity of MSW generation and its composition before identification of processing technology for MSW management	Municipal Authorities (MA) Private operators	Six months (metro cities + State Capitals) 8 months (Class I cities) 12 months (Class II towns + below)	Waste Generated by Households Waste Generated by Markets (Vegetable Markets, Mandis etc) Waste Generated by Hotels and Restaurants Waste Generated by Street Sweeping	Waste Generated by other sources (eg. debris, horticulture waste etc) Waste Generated by Commercial Establishments (eg. Institutions, etc)	4%	80 MT /DAY
3	Collecti on of waste Making arrangements for collection of waste to cover;	By engaging NGOs/ Agencies	9 months	Number of Households covered by Door to Door Collection Number of Hotels and Restaurants covered by Door to Door Collection	Number of any other establishments covered by Door Collection Number of Commercial Establishments (Institutions, offices) covered by Door to Door Collection	5%	
4	Segregat ion of waste at Mass awareness programmes for segregation of waste at	Through Institutions/ NGOs or Govt Departments.	6 months	Mass awareness programmes for segregation of waste if any-At school level, At residential level, At market/commercial areas; Through Pamphlet, Interaction, Hoarding/newspaper/ YES	Quantity of waste arriving at Processing/ Disposal facility in segregated manner Quantity of waste taken away by recyclers from intermediate points Door-to-door collection of segregated waste followed by recycling/ utilization by appropriate environment friendly manner.	30% 10% 20%	

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5	Intra-city activities i) Regulation of stray cattle movement ii) Prohibiting burning of garbage, leaves, other waste. iii) Regular street sweepings. iv) Improving street sweeping on wider roads by mechanical means. v) Covering dusty areas/ road sides to prevent flow of dust on roads and / or sweeping of dust causing high levels of dust in ambient vi) Setting up of public complaint cell and attending them on urgent basis. vii) Constitution of vigilance squads to prevent littering of waste, monitoring lifting of garbage on daily basis, maintenance of dust bins, movement of stray cattle, burning of garbage.	Issuing notification from DM or ULBs by ULBs or engaging NGOs Agencies, By SPCBs/ ULBs	6 months	YES/No	Action Taken	Timeline
		YES		Notification published in Gandhinagar corporation area and appeal to citizens to cooperate in stray cattle movement	Movement started to regulate stray cattle on day to day basis and send caught cattle to nearest panjarapol	
		yes				
		yes				
		yes				
		no				
		yes				
		yes				

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Sr. No.	Activity	Action points as per CPCB Guidelines	Likely Procedures / Requirements	Time-frame as per CPCB Guidelines	Action points as per Municipal corporations		Particulars	
					YES/No	Number/Units in use	Action taken	
6	Storage of waste		Procuring tools/vehicles, as per DPR.	9 months	YES/No	Number/Units in use	Action taken	
	i) Setting up of bins of appropriate sizes in different localities (residential, commercial, slums/sourates)(20-30 lbs. etc)	yes			yes	50000		
	ii) Setting up of three bins as per Rules. (to be started on experimental basis).			1	no	-		
	iii) Provision of litter bins (30 lbs, 50 lbs, etc)				yes	500		
	iv) Provisions of containers for horticulture and construction and demolition waste.	yes		done	yes	6 tractor and 2 trucks		
	v) Regular operation and maintenance of waste storage facilities.(Refuse station, primary, secondary storage)	yes		done	yes	120 site		
	vi) Provision of bins for weekly markets, marriage halls and other functions.(2.5 cu mt, 4.5 cu mt)	yes on rental bases		done	yes	15 container in spare		
	vii) Open sites to be eliminated.	under process		done				

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Sr. No.	Activities	Action points as per CPCB Guidelines	Likely Procedures / Requirements	Time-frame as per CPCB Guidelines	Action points as per Municipal corporations	Particulars	
						Action Taken	Timeline
7	Transportation of waste	Procuring transport vehicles as per DPR		18 months	YES/No		
		i) Devising transportation system for congested areas.			yes	done	
		ii) Devising transportation system for slums and squatters			yes	done	
		iii) Devising transportation system for horticultural and construction and demolition waste.			yes	done	
		iv) Setting up of workshop facilities for O & M of vehicles			yes	done	
		v) Estimating requirement of transportation fleet (optimum requirement)			on outsource We are having 60 mini tempos for transportation. In addition 5 compactor are being in use.		
		Assessment of requirement of hand-carts, tricycles and other devices			yes	done	

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	(iii) Provisions for monitoring of pollution (water quality monitoring, ambient air quality monitoring). (iv) Plantation at landfill site Closure of landfill site and post care.				
10	Old dumpsit	Prepare rehabilitation plan for clearing old dump site through expert firms.	18 months	Any Provision	Action Taken
	Rehabilitation or reclamation of old dump site followed by capping &			under consideration	Time Line

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Sr. No.	Activities	Action points as per CPCB Guidelines	Likely Procedures / Requirements	Time-frame as per CPCB Guidelines	Action points as per Municipal corporations	Particulars	Time line
1	DPR	Detailed project report (DPR) management of MSW in accordance with MSW Rules 2000, to cover; DPR could be prepared based on the indicative guidelines brought out by MoEF/CPCB	Municipal Authorities (MA) and State Urban Development Departments (UD)		Detailed project report (DPR) management of MSW for following parameters	Other relevant information	
					A DPR of Rs. 30.98 Cr. was prepared in year 2007 and submitted and sanctioned and implemented in year 2013 considering aspects of waste segregation, collection, storage, transportation, processing and disposal.	Fresh DPR will be prepared on the basis of requirements of newly merged areas of the city	Six Months
	1. Waste segregation				Procurement and distribution of 2,50,000 nos of 10 ltr. capacity twin Household bins to lower income houses		
	2. Collection			Six months	Procurement of 1960 six bin pushcarts, 7300 nos of Metal trays, 7300 nos of Shovels, 7840 nos of Additional Bins. Also Privatized Doorstep garbage collection system is implemented in all four zones of the city from March-2006. At present nearly 200 Tata Ace vehicle are used for door to door garbage collection.	Procurement of 5000 Nos of Six bin pushcarts is under progress	
	3. Storage				Procurement of 261 nos of 4.5 cubic meter capacity Dumper placer Containers and Construction of Elevated Transfer Station at Attalada	Procurement and construction is complete and equipments are under use.	
	4. Transportation				Procurement of 17 nos of Transfer Trucks, 41 nos of Dumper placer Vehicles, 2 Nos of Carcass Pickup Vans	Procurement is complete and equipments are under use.	
	5. Processing				On PPP mode	The processing facility is under operation by PPP mode at R.S. 346 Jambua	
	6. Disposal				Construction of Sanitary Landfill at Jambua R.S. 346	The construction is complete and under operation. Pre and Post processing rejects and waste of no potential of processing is currently disposed in the site as per the GPCB guidelines.	

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Model Action Plan

Sr. No.	Activities	Action points as per CPCB Guidelines	Likely Procedures / Requirements	Time-frame as per CPCB Guidelines	Action points as per Municipal corporations	Particulars	Waste Generated by Commercial other sources	Total Waste Generated (if typewise)	Total Waste Generated			
2	Survey/Assessment	Each local body to undertake assessment of quantity of MSW generation and its composition before identification of processing technology for MSW management	Municipal Authorities (MA) Private operators	Six months (metro cities + State Capitals) 8 months (Class I cities) 12 months (Class II towns + below)	Waste Generated by Households 480	Waste Generated by Street Sweeping 190	Waste Generated by Hotels and Restaurants 20	Waste Generated by Markets (Vegetable) 130	Waste Generated by Commercial 10	170	1000 TPD	1000 TPD
3	Collection of waste	Making arrangements for collection of waste to cover;	By engaging NGOs/Agencies	9 months	Number of Households covered by Door to Door Collection 464690	Number of Hotels and Restaurants covered by Door to Door Collection	Number of Commercial Establishments (Institutions, offices) covered by Door to Door Collection 132065	Number of any other establishments (incl. markets) covered by Door to Door Collection	Total number of establishments covered by door to door collection (if available) 596755	Total Number of Households and Establishments covered by Door to Door Collection		
4	Segregation of waste	Mass awareness programmes for segregation of waste at;	Through Institutions/ NGOs or Govt Departments.		Mass awareness programmes for segregation of waste if any: At school level, At residential level, At market/commercial areas; Through pamphlet, interaction, Hoarding/newspaper/ local cable network, etc.	Quantity of waste arriving at Processing/ Disposal facility in segregated manner	Quantity of waste taken away by recyclers from intermediate points	Door-to-door collection of segregated waste followed by recycling/ utilization by appropriate environment friendly manner.				

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Sr. No.	Action points as per CPCB Guidelines	Likely Procedures / Requirements	Time-frame as per CPCB Guidelines	Action points as per Municipal corporations	Particulars	Timeline	
				Communication (IEC) program for creating general awareness among citizens for proper disposal of MSW and to focus on waste prevention and minimization through - 3Rs-Reduce, Reuse and Recycle is started since Year 2013 and under implementation in which leaflets, posters, hoarding, radio jingles, school workshops, street play, mobile vans, group meetings etc is incorporated. The segregation at source system is not implied still but by providing twin household bins to each household the message to segregate the waste at source is under implementation. At present the collected MMSW (Mixed Municipal Solid Waste) is supplied to the Processing unit installed at R.S. 346-	0	0	0
		Issuing notification from DM or ULBs - NGOs Agencies. By SPCBs/ ULBs	6 months	YES/No			
5	i) Regulation of stray cattle movement ii) Prohibiting burning of garbage, leaves, other waste. iii) Regular street sweepings. iv) Improving street sweeping on wider roads by mechanical means. v) Covering dusty areas/ road sides to prevent flow of dust on roads and / or Sweeping of dust causing high levels of dust in ambient air. vi) Setting up of public complaint cell and attending them on urgent basis. vii) Constitution of vigilance squads to; prevent littering of waste, monitoring lifting of garbage on daily basis,			YES	Regulation of Stray Cattle movement is managed by separate Encroachment Removal Department of Vadodara Municipal Corporation Street sweepers and Sanitary Inspectors are regularly instructed for Prohibiting burning of garbage, leaves, other waste. Regular street sweepings is carried out 365 days by street sweepers according to the beat allotted to individual street sweepers Two Mechanical Sweeper machines for street sweeping by mechanical means are procured and further 4 Nos. of Mechanical Sweeper machines are to be procured		
				YES	Wall to wall roads are constructed and footpaths, dividers and road sides are covered by paver blocks for dust free city.		
				YES	Toll free no. for complaints 1800 233 0265 is initiated. Smart City Vadodara App is also designed for complaint redressal. A private Call Centre is also hired for random survey of the garbage collection services provided to the city.		
				YES	A proposal of Establishment of Health and Sanitation Mobile court for prevention and penalizing defaulters is sent to State Government for approval.		

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6	Storage of waste	<p>i) Setting up of bins of appropriate sizes in different localities (residential, commercial, slums/squatters)(20 lts, 30 lts, etc)</p> <p>ii) Setting up of three bins as per Rules. (to be started on experimental basis).</p> <p>iii) Provision of litter bins (30 lts, 50 lts, etc)</p> <p>iv) Provisions of containers for horticulture and construction and demolition waste.</p> <p>v) Regular operation and maintenance of waste storage facilities.(Refuse station, primary, secondary storage)</p> <p>vi) Provision of bins for weekly markets, marriage halls and other functions.(25</p> <p>vii) Open sites to be eliminated.</p>	<p>Procuring tools/tackles, as per DPR.</p>	9 months	YES/No	<p>Number/Units in use</p> <p>For the primary storage at households of Vadodara city 2,50,000 nos of Twin Household bins are provided to low income group residential units of city in first phase</p> <p>The provision of giving Twin Dustbins for each tax paying units for dry and wet waste is made in the Financial year Budget 2015-16</p> <p>The procurement is under progress</p> <p>4.5 cubic meter capacity containers placed at different locations of the city for secondary storage of waste. New 600 nos. 4.5 Cu.m. Containers are to be procured during January to March-2015.</p> <p>Construction of Elevated Transfer Station in south zone of city is under progress. The same will be replicated for the other three zones of the city.</p> <p>The procurement is under progress</p>
7	Transportation of waste	<p>i) Devising transportation system for congested areas.</p> <p>ii) Devising transportation system for slums and squatters</p> <p>iii) Devising transportation system for horticultural and construction and demolition waste.</p> <p>iv) Setting up of workshop facilities for O & M of vehicles.</p>	<p>Procuring transport vehicles as per DPR</p>	18 months	YES/No	<p>Nuisance spots are planned to be replaced by 400 Nos. 1100 liters capacity hot dip galvanized containers.</p> <p>The doorstep collected waste is transported to the identified sites by the private operator.</p> <p>Tractors, Transfer trucks and loader machines are provided for the transportation of horticultural and construction demolition waste by VMSS and private operators in the city.</p> <p>The workshop facilities are being managed by the private operator specifically for the door to door vehicles at the land provided by VMSS. Workshop for the VMSS operated vehicles is available.</p>

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8	Processing of waste	v) Estimating requirement of transportation fleet (optimum requirement)	Assessment of requirement of hand-carts, tricycles and other devices		YES	The requirement of transportation fleet was estimated in year 2007 during submission of DPR to JINURM board. The procurement is completed in 2012 accordingly. The current requirement is estimated every year and budget provision is made accordingly.		
				Site selection as per land-use plan of town & country planning Deptt. Or state UDA, incorporating SPCB/ Local Institutions. Inviting	YES/No	1960 Nos. of Push-carts with six bins are procured under JINURM scheme for the collection of street/road swept waste and Procurement of 5000 Nos. of Six bin pushcarts is under progress	Action Taken	
9	Disposal of waste	i) Formulation of State level plan/ policy and action plan for setting up of facilities.			NA		NA	
		ii) Drafting terms for seeking private entrepreneurship to set up			NA		NA	
		iii) Constitution of State level Technology Advisory Group to assist local bodies in			NA		NA	
		iv) Local bodies to initiate tendering procedures, follow up to set up requisite			YES		Two treatment facilities are presently available: 1) Makarpura- 300 TPD (Expandable upto 700 TPD) 2)Atladara- 250 TPD -Under upgradation.	
		Local bodies to save expenditure on waste processing and disposal by			YES		MoU with Finish Waste Management Consortium for processing of 1000 TPD is done during Vibrant Gujarat	36 Months
		New sites	As per land-use plan of town & country planning or UDA		YES/No		At present running plant are designed, constructed, operated and maintained on PPP mode	Action Taken
	i) Identification of probable sites for operating them as waste processing-cum-disposal sites.			YES		Procurement of 25 hectares land considering future needs land filling requirements at R.S. 346 is completed and planned Phase-I and Phase-III landfill sites.	Timeline	
	ii) Identification of sites based on rapid EIA and following the criteria			YES				
	iii) Setting up of site clearance committee by the State Board/ Committee or			YES				

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		iv) State plan for making arrangements for operation and maintenance of landfill			YES	
		Existing site	Incorporating SPCBs/ Local Institutions. To take possession		YES/No	Action Taken
		(i) Improvement in existing sites to include; provision of fencing entry gate, office-cum-record room, building of approach including Internal		36 months	YES	The Sanitary Landfill Cell phase-I is constructed under JnNURM Scheme with all the infrastructure facilities.
						Improvement of existing treatment facilities will be carried out periodically.
		ii) Operation of landfills following the provisions (18)-(21) and (22) of the Rules.			YES	The landfill is operational since June-2010.
		iii) Provisions for monitoring of pollution (water quality monitoring, ambient air			YES	Fully equipped laboratory is available at site.
		iv) Plantation at landfill site Closure of landfill site and post care.			YES	Green belt area of 15000 sq.mt. is provided. Post closure account is opened and 15% of the total bill amount of the operator is deposited.
10	Old dumpsites		Prepare rehabilitation plan for clearing old	18 months	Any Provision	Action Taken
		Rehabilitation or reclamation of old dump site followed by capping & plantation.				Three time invitation of tender is completed. The work is under progress.

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Survey/Assess	Municipal Authorities (MA)	Six months (metros cities & State Capitals)	Waste Generated by Households	Waste Generated by Sweeping	Waste Generated by Hotels and Restaurants	Waste Generated by Markets (Vegetable Markets, Mandis etc)	Waste Generated by Commercial Establishments (eg. Institutions, etc)	Waste Generated by other sources (eg. debris, etc)	Total Waste Generated (M)	Total Waste Generated (TPD)
2	Each local body to undertake assessment of quantity of MSW generation and its composition before identification of processing technology for MSW management	8 months (Class I cities) 12 months (Class II towns & below)	77702.21	45040.2	2836.05	2898.45	3812	15157.5	98448.45	7986.232
3	Collection of waste	By engaging NCDs/Agencies	Number of Households covered by Door to Door Collection 3871654	Number of Hotels and Restaurants covered by Door to Door Collection 18921	Number of Commercial Establishments (institutions, offices) covered by Door to Door Collection 854431	Number of any other establishments (incl. markets) covered by Door to Door Collection 12117	Total number of establishments covered by door to door collection (if typewise establishments)	Total Number of Households and Establishment covered by Door to Door Collection 5058275		
4	Segregation of waste	Through Institutions/ Govt Departments	Mass awareness programmes for segregation of waste at residential level. At market/commercial areas, Through pamphlet, Education and Communication (EC) program for creating general awareness among citizens for proper disposal of MSW and to focus on waste prevention and minimization through 10s-behaves, Home and Recycle is started since Year 2013 and under implementation in which leaflets, posters, hoarding, radio, PPTs, school workshops, street play, mobile vans, group meetings, etc. is incorporated. The segregation of source system is not implemented still but by providing bins household bins	Quantity of waste arriving at Processing/ Disposal facility in segregated manner 0	Quantity of waste taken away by recyclers from intermediate points 0	Door-to-door collection of segregated waste followed by recycling/ utilization by appropriate environment friendly manner. 0				

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Intra-city activities		Issuing notification from DM or ULBs by JDLBs or By SPCBs/ULBs	6 months	YES/No	Action Taken	Timeline
S	i) Regulation of stray cattle movement			YES	Regulation of Stray Cattle movement is managed by separate Encroachment Removal Department of the State adjacent	
	ii) Prohibiting burning of garbage, leaves, other waste.			YES	Street sweepers and Sanitary inspectors are regularly instructed for Prohibiting burning of garbage, leaves, other waste by Directorate of Municipalities.	
	iii) Regular street sweepings.			YES	Regular street sweepings is carried out 365 days by street sweepers according to the beat allotted to individual street sweepers	
	iv) Improving street sweeping on wider roads by mechanical means.			YES	Two Mechanical Sweeper machines for street sweeping by mechanical means are procured and further numbers of Mechanical Sweeper machines are to be procured	
	v) Covering dusty areas/ road sides to prevent flow of dust on roads and / or sweeping of dust causing high levels of dust in ambient air.	-		YES	Wall to wall roads are constructed and footpaths, dividers and road sides are covered by paver blocks for dust free city.	
	vi) Setting up of public complaint cell and attending them on urgent basis.			YES	Complaint cell is under consideration, till then Directorate of Municipalities takes the charge.	
	vii) Constitution of vigilance squads to prevent littering of waste, monitoring / lifting of garbage on daily basis, maintenance of dust bins.			YES	A proposal of Establishment of Health and Sanitation Mobile court for prevention and penalizing defaulter is under consideration for approval.	

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6	Storage of waste	Procuring tools/rackles as per DPR.	9 months	YES/No	Number/Units in use	Action taken
	i) Setting up of bins of appropriate sizes in different localities (residential, commercial, street/quarters) (20 lbs, 30 lbs, etc)	0		YES	2000 Bins (20 lbs capacity) have been installed and it has been planned to install even more number of Bins in 2014. The storage of waste at governmental units is used as indicated elsewhere etc.	Almost 2000 Bins have been installed in 2014 in various public roads, main roads, public places, markets, as well as in the houses, where citizens are not allowed to dump their waste. It has been planned to install even more number of Bins in 2015.
	ii) Setting up of three bins as per Rules. (to be started on experimental basis).			Yes	A Pilot Study for segregation and making it a zero waste State, efforts are being made in this direction.	Pilot study implementation planning will be undertaken with East activities.
	iii) Provision of litter bins (30 lbs, 50 lbs, etc)			YES	For the primary storage at households of Gujarat State 5900 bins are provided to group/residential units of the State in the first phase. Second phase demand received.	Appointment of agency on PPP basis, under the supervision of Waste to a Recycling facility where the same is converted to useful products.
	iv) Provisions of containers for horticulture and construction and demolition waste.			YES	45 cubic meter capacity containers placed at different locations of the city for secondary storage of waste. New 2510 nos. 4.5 Cu.M. Containers procured during March to Dec-2014. Construction Demolition Waste: Gujarat State has decided a separate system in some areas for collection of C&D waste, remaining municipalities would also be considered too, wherein citizens as well as Government Engineering Department can dispose the waste at its own. Deployment of XCB, trucks, etc. as per requirement.	All storage sites are made with RCC flooring. Operations & maintenance work has been started with an regular basis for all the existing systems.
	v) Regular operation and maintenance of waste storage facilities (Refuse chutes, primary, secondary storage)			YES	Bins: 5900 Dumper Placers: 25	Storage bins are made with RCC flooring. Operations & maintenance work has been started with an regular basis for all the existing systems.
	vi) Provision of bins for weekly markets, marriage halls and other functions (2.5 cu mt, 4.5 cu mt)			YES	The procurement is under progress	Storage bins are made with RCC flooring. Operations & maintenance work has been started with an regular basis for all the existing systems.
	vii) Open sites to be eliminated.			YES	353 Bins are put in use with 25 Refuse Compactors for its handling	To remove open sites in other parts of the city, efforts are being made to start the existing work. 353 Bins and 25 refuse compactors are provided for use in the city. 353 Refuse Compactors are provided for use in the city. 353 Refuse Compactors are provided for use in the city. 353 Refuse Compactors are provided for use in the city.

7	Transportation of waste	YES/No	Action Taken	Timeline
8	Procuring transport vehicles as per DPR i) Devising transportation system for congested areas. ii) Devising transportation system for slums and squatters iii) Devising transportation system for horticultural and construction and demolition waste. iv) Setting up of workshop facilities for O & M of vehicles. v) Estimating requirement of transportation fleet (optimum requirement) Assessment of requirement of hand-carts, tricycles and other devices Site selection as per land use plan of town & country planning Deptt. Or stateUDA, incorporating SPCL/Local Institutions, inviting tender from experienced firms i) Formulation of State level plan/ policy and action plan for setting up of facilities. ii) Drafting terms for seeking private entrepreneurship to set up facilities. iii) Constitution of State level Technology Advisory Group to assist local bodies in iv) Local bodies to initiate tendering procedures, follow up to set up requisite	YES	The dirtiest waste is transported to the identified sites by the Municipalities itself.	18 months
		YES	Slums waste is merged with the Municipalities waste collection.	18 months
		YES	Tractors, Transfer trucks and loader machines are provided for the transportation of horticultural and construction demolition waste by the State government.	NA
		YES	The workshop facilities are being managed by the private operator specifically for the door to door vehicles at the land provided by the Government. Workshops are available in good condition.	NA
		YES		NA
		YES	7000 Nos. of Push-carts with 60 bins are procured after assessment for the collection of street/road swept waste and Procurement of 58657 Nos PE bin for pushcarts completed.	NA
		YES/No	A-Plan Taken	Timeline
		YES	State level action Plan is under process for setting up of the facilities.	
		YES	Agreement for Private players on the basis of beneficiaries and healthy competition keeping in View Stakeholders recommendations.	
		YES	Technical Advisory Group (TAG team) has been constituted since 2008 by the State of Gujarat.	
YES	Urban department, GUDC supports as a nodal agency to bid tenders for all the municipalities of Gujarat State.			
	Many Models were there in Vibrant Gujarat for the MSWM Project	36 Months		

Disposal of waste	Local bodies to save expenditure on waste processing and disposal by encouraging private entrepreneurs to set up such facilities.	New sites	As per land use plan of town & country planning or UDA Public hearing	YES	Action Taken	Timeline
	(i) Identification of probable sites for operating them as waste processing cum disposal sites. (ii) Identification of sites based on rapid EIA and following the criteria (iii) Setting up of site clearance committee by the State Board/ Committee or State/Local Authorities. (iv) State plan for making arrangements for operation and maintenance of landfill			YES	Sites have been identified since 2007, further action in this line is taken for the issues provided in the areas.	
	Existing site	Incorporating SFCEs/ Local Institutions. To take possession immediately to avoid		No	Sites are made based on DA and following the Rules Gujarat Pollution Control Board handles the ROC, authorization of the site. Tender is under process for O & M of 11 Landfill sites covering 42 Municipalities.	6 months
	(i) Improvement in existing sites to include: provision of fencing entry gate, office-cum-record room, building of approach including internal roads, installation of weigh bridges/ or making alternate arrangements and other provisions as specified under the Rules.		36 months	YES	Revenching and rehabilitating tenders are under process for 11 Landfill sites along with their Operations and Maintenance process.	6 months
	(ii) Operation of Landfills following the provisions (19)-(21) and (22) of the Rules.			YES	Improvement of existing treatment facilities will be carried out periodically.	6 months
	(iii) Provisions for monitoring of pollution (water quality monitoring, ambient air			YES	The landfill would be operational after 6 months.	6 months
	(iv) Plantation at landfill site and Closure of landfill site and post care.			YES	Fully equipped laboratory is available with the govt.	
				YES	Steps are being taken for the green land area around the landfill site wherever it is connected.	
GM dumpsites		Prepare rehabilitation plan for clearing old dump site through	18 months	Any Provision	Action Taken	Time Line

