

**MUNICIPAL SOLID WASTES
(MANAGEMENT AND HANDLING) RULES, 2000**

ANNUAL REPORT 2005-2006

*(Annual Report prepared in compliance to
the provision 8(2) of the Rule)*



CENTRAL POLLUTION CONTROL BOARD
(Ministry of Environment & Forests)
Parivesh Bhawan, East Arjun Nagar,
DELHI-110 032

APRIL, 2007

CONTENTS

1. Annual Report as per MSW Rules
2. Mechanism of Review
3. Local bodies
4. Annual Report, 2005-06
5. Status of Implementation of MSW Rules
 - 5.1 Authorizations
 - 5.2 Implementation of Schedule-II
 - 5.3 Implementation of Schedule-III (Landfilling)
 - 5.4 Implementation of Schedule-IV (Waste Processing)
6. Initiatives at National Level
 - 4.1 Demonstration Projects
 - 4.2 Utilization of Grants Under 12th Finance Commission
7. Recommendations

1. ANNUAL REPORT AS PER MSW RULES

As per the Provision (8) of Municipal Solid Wastes (Management and Handling) Rules, 2000, the Central Pollution Control Board (CPCB) is required to prepare the consolidated annual review report on management of municipal solid waste (MSW) and the same is to be forwarded to the Central Government that is, Ministry of Environmental and Forests (MoEF) along with its recommendations before 15th December every year. However, report of CPCB is to be based on the annual report to be prepared by the State Pollution Control Boards (SPCBs) and Pollution Control Committees (PCCs) which is required to be forwarded by them to CPCB before 15th September every year.

2. MECHANISM OF REVIEW

Based on the receipt of annual consolidated report from SPCBs/PCCs, the status of implementation of MSW rules is reviewed. During the year, regular interaction with SPCBs/PCCs through Meetings and Workshops is made to facilitate implementation of rules. Review of status of implementation of rules is based on following observations;

- (i) Number of application received and number of authorizations granted by SPCBs/PCCs during the year to the local bodies.
- (ii) Initiatives taken by local bodies to implement Schedule-II relating to collection, Segregation, Storage and Transportation (CSST) of waste;
- (iii) Initiatives taken to implement Schedule-III with regard to set-up waste disposal facilities; and
- (iv) Efforts made to set-up waste processing plants in accordance with Schedule-IV of the rules.

3. LOCAL BODIES

There are large number of local bodies in the country and MSW rules are applicable to all of them. As per 2001 census, number of cities/ towns are as under:

Population	Class	No. of Cities
>10,00,000 and above (metro only)		35
>1,00,000 and above	Class I	393
50,000 – 99,999	Class II	401
20,000 – 49,999	Class III	1,115
10,000 – 19,999	Class IV	1,344
5,000 - 9,999	Class V	888
> 5,000	Class VI	191
Unclassified		10
		4377

4. ANNUAL REPORT – 2005-06

Local bodies are required to forward Annual report for each year to SPCBs/PCCs before 30th June every year and SPCBs in turn, will send their consolidated report for the year before 15th September to CPCB. However, in terms of adhering with stipulated schedule, delay has been observed. As of 31st March, 2007, CPCB could receive Annual reports from 20 SPCBs/PCCs. Based on information received from 20 SPCBs, the present Annual Report of 2005-06 is prepared.

5. STATUS OF IMPLEMENTATION OF MSW RULES

5.1 Authorizations

- During 2005-06, out of 3577 local bodies reported by SPCBs/PCCs, 2339 local bodies have applied for seeking authorizations from SPCBs. SPCBs in turn, have granted authorizations to 1220 local bodies
- It has been observed that many local bodies are not applying for authorizations and the reason for not applying relates to not having definite plans for setting-up of waste processing and disposal facilities.
- States like Maharashtra, Tripura, West Bengal, Madhya Pradesh, Punjab, Himachal Pradesh, Chhatisgarh, Andhra Pradesh, Orissa and Karnataka could receive good response from local bodies for receiving applications. Many SPCBs have issued good number of authorizations such as, Maharashtra, Gujarat, Tripura, West Bengal, Madhya Pradesh, Himachal Pradesh, Chhatisgarh, Pondicherry, Madhya Pradesh and Karnataka.
- The compliance of data on Authorization from 2003-04 to 2005-06 is as under:

No. of applications received		No. of authorizations granted	
2003-2004	1700	2003-2004	766
2004-2005	1840	2004-2005	1180
2005-2006	2339	2005-2006	1220

Details (Statewise) on authorization status is given in *Annexure-I*.

5.2 Implementation of Schedule-II

- The level of awareness and strengthening of efforts are made by local bodies to systematize waste collection, segregation, storage and transportation. Such efforts are either restricted to a few localities or wards within the town or taken up at entire town level.
- It has been observed that local bodies require adequate funds to augment the existing infrastructure. Infrastructure need to be strengthened in terms of tools / equipment and transportation. In mega cities, operation and maintenance costs are high due to quantum of

garbage to be handled. There is necessity that large number of companies take part in manufacturing MSW handling equipment which should be available at reasonable cost and having lesser expenditure on operation and maintenance.

- The combination of manual and mechanical handling of waste is continued. Smaller towns will probably continue with manual handling but, this will be improved by adopting safer tools/ equipment to prevent health risks of conservancy staff.
- Segregation of waste at house-hold level needs attention through larger mass awareness campaigns.
- Still, at large number of towns, slaughter house waste and bio-medical waste is getting mixed at landfill/ dumping sites.

The efforts made by local bodies for bringing improvement in waste collection, segregation, storage and transportation is given in Annexure-II.

5.3 Implementation of Schedule-III (Landfilling)

- Disposal of waste through open dumping continues.
- It has been observed that many States have given emphasis on identification of sites and ensuring that sites are transferred to local bodies. Such initiatives have been observed in the State/UT; Maharashtra, Tripura, West Bengal, Madhya Pradesh, Chhatisgarh, Gujarat, Punjab, Himachal Pradesh, Goa, Pondicherry, Andhra Pradesh and Karnataka.
- States like Maharashtra, Karnataka, Andhra Pradesh and Gujarat have taken initiatives to set-up engineered landfill sites. State like Gujarat, Andhra Pradesh and Karnataka have taken actions to set-up common/regional landfill facilities.
- The summary table indicating information on landfill is given at Annexure-III

5.4 Implementation of Schedule-IV (Waste Processing)

- There has been a move on setting up of waste processing facilities as compared to the efforts made in the previous years.
- In many States, several towns have responded that there is partial composting/ vermi-composting facilities. SPCBs have however, indicated that such efforts are not scientific.
- Statewise information on existing/proposed waste processing plants or where some initiatives have been taken is given at Annexure-III.

- It has been observed that ‘composting’ and ‘vermi-composting’ is preferred as easy technological option by local bodies and other options like thermal processing (incineration pyrolysis etc.) are not attempted due to non-availability of operating experiences.

6.0 INITIATIVES AT NATIONAL LEVEL

CPCB and MoEF and other Central Ministries such as Ministry of Urban Development (MoUD) and Ministry of Non-Conventional Energy Sources (MNES) have taken initiatives to facilitate implementation of MSW rules. Some of such initiatives are briefing summarized as under:

6.1 *Demonstration Projects*

CPCB and MoEF have instituted a scheme for setting up of demonstration project for solid waste management in accordance with MSW Rule. Objective of the scheme is to demonstrate total implementation of MSW Rule. The scheme is based on cost sharing basis where concerned local body is required to contribute 50% of the total cost of the project. Initially, the scheme is confined for one town in each State/UT. The following project have been taken up.

S.No	State	Town
1	West Bengal	North Dum-Dum New Barrakpore
2	UT Chandigarh	Chandigarh
3	Tamil Nadu	Udumalpet
4	Kerala	Kozhikode
5	Himachal Pradesh	Mandi
6	Andhra Pradesh	Suryapet
7	Nagaland	Kohima
8	Maharashtra	Jalna
9	Arunachal Pradesh	Itanagar
10	Sikkim	South West District
11	Tripura	Agartala
12	Pondicherry (UT)	Pondicherry

Salient features of the Demo-schemes may be referred at [Annexure-IV](#)

6.2 **Utilisation of Grants Under 12th Finance Commission**

The Twelfth Finance Commission has recommended devolution of grants for Urban Local Bodies to the tune of Rs.5000 crores for the period 2005-2010 of which Rs.2500 crores have to be devolved upon local bodies exclusively for setting-up of solid waste management systems in Urban areas to ensure management of MSW in accordance with MSW Rules. Ministry of Urban Development on 6th October, 2005 has circulated guidelines for preparation of DPRs and selection of technologies for processing and final disposal of MSW for different categories of towns for the benefit of State Government/ Local bodies. The emphasis has also be given to implement various activities of solid waste system through private sector participation.

State Governments and Pollution Control Boards have been requested to participate in the process of utilizing the grants and reader assistance to local bodies in preparing DPR for cities and towns

7.0 RECOMMENDATIONS

- (i) MoEF and CPCB may continue the on-going scheme on Demo Pilot Projects for at least one to two towns in each State and this scheme may continue in addition to recommended grants under Twelfth Finance Commission to the States. However, smaller towns preferably having population < 5 lakh could be preferred for pilot project
- (ii) Central Ministries such as Ministry of Urban Development (MoUD), Ministry of Agriculture and Ministry of New and Renewable Energy (MNRE) may provide necessary assistance to the States in terms of technical assistance and in selection of appropriate technologies relating to waste processing and disposal including facilitating States in seeking private sector participation. The proposed action will help States in proper utilization of grants under the Twelfth Finance Commission.
- (iii) Ministry of Urban Development may follow-up on implementation of the report of an Inter-ministerial task force on integrated plant nutrient management using city compost which has been filed in the Hon'ble Supreme Court on 06.05.2005 (in the matter of WPC 888/96). This report has brought out various relevant issues on composting particularly technical and financial requirements for setting up of compost plant and will be useful to State Govts, local bodies and other concerned agencies to refer before taking final decisions.
- (iv) A report of the expert committee for inspection and evaluation of the project for energy recovery from MSW at Lucknow; 2005 (brought out with reference to MNRE Order dated 19.05.2005) may be circulated to State Govts. for their reference. The recommendations of Expert Group MNES would be useful to States while taking decisions on selection of waste processing technologies and particularly with reference to waste-to-energy projects.
- (v) MoEF may consider to suitably amend the Schedule-I of MSW rules while taking view on funds being provided under the Twelfth Finance Commission (TFC) which are to be utilized during 2005-2010
- (vi) Specific attention may be required while amending MSW rules in view of ;
 - Promotion of regional facilities (common facilities) for setting-up of waste processing and disposal facilities.

- Aviation authorities may issue appropriate guidelines to States while deciding for identification of sites for waste processing and disposal.
- (vii) Pollution Control Boards/Local Bodies/ State Governments who have taken initiatives in preparing action plans for solid waste management in metro cities and State Capitals (in pursuance with Supreme Court order dated 04.10.04, WPC 888/96), may get Detailed Project Report (DPR) formulated for each metro city and State Capital and immediately start implementation. During the Eleventh Plan period, States may target to achieve to cover major local bodies in ensuring their compliance to MSW rules taking benefit of grants released and also meeting balance out of own resources of local bodies through State Plan.
- (viii) State governments may set up solid waste mission (as set up by Govt. of West Bengal) and evolve state level policies (like Rajasthan, Andhra Pradesh, Karnataka, Maharashtra and others) and providing technical/ financial guidance to local bodies in their State/UT.
- (ix) Dissemination of information through Electronic media including mass awareness campaigns and seeking private sector participation in solid waste management should be continued activity. Pollution Control Boards/ State Urban Development Departments may place consolidated status on solid waste management (may also include other sanitation issues of state), Annual reports of local bodies and initiatives taken on web site for public benefit.
- (x) Specific attention is required on;
 - (a) Setting up of waste processing and disposal facilities at hilly states and particularly at Defence bases.
 - (b) Providing prescription of packages for waste processing and disposal in Defence/Railway and other set-up like Cantonment Boards.

Implementation Status of Schedule-II

S.No	States/UT	Local bodies taken initiatives for improving collection, segregation, storage and Transportation of waste
1	Arunachal Pradesh	
2	Maharashtra	Local bodies at several places have organized collection of MSW by house-to-house collection by using Ghanta Gandies and collection bins. (Pune, Nasik, Nagpur, Mumbai and others).
3	Tripura	Partially done at Agartala
4	Mizoram	
5	West Bengal	<ul style="list-style-type: none"> • Out of 126 local bodies, 119 have taken some initiatives. • House-to-house collection of waste (>50% coverage) for Barrackpore, Bidhannagar, Dum Dum, Kamarhati Kacharapara, Khardaha, Madhyamgrams, Naihati, New Barrackpore, North Barrackpore, North Dum Dum, Rajarhat-Gopalpur, South Dum Dum, Rajpur-Sonarapur, Kulti, Suri, Cooch Behar, Siliguri, Bhadreswar, Rishra, Uttarpara-Kottang, Bally, Howrah, Kolkata, English Bazar, Kharagpur, Kandi, Nalsadwip, Balurghat
6	Assam	Guwhati, Silchar
7	Madhya Pradesh	<ul style="list-style-type: none"> • 33 local bodies have taken some initiatives (Bhopal, Indore, Rewa, Gwalior, Shahdol, Amarkantak, Chandi, Ujmariya, etc.) • House-to-house collection of waste is started in 3139 Wards out of 4493 and segregation of waste is started in 1932 Wards
8	Gujarat	73 local bodies have taken initiatives (Ahemdabad, Surat, Bejalpur, Gandhinagar)
9	Punjab	Being proposed at Mandi Gobindgarh and Kartarpur
10	Himachal Pradesh	Yet to be picked up. On demo-basis, initiated at Mandi
11	Chhatisgarh	Initiated by 57 local bodies.
12	Nagaland	Kohima, Dimapur
13	Haryana	
14	Daman Diu & DNH	
15	Bihar	Yet to be started
16	Meghalaya	Shillong, Jowai, Tura, Williamnagar, Baghmora, Resubelpara.
17	Chandigarh	House-to-house collection of waste widely practiced.
18	Rajasthan	
19	Goa	
20	Puducherry	Puducherry

S.No	States/UT	Local bodies taken initiatives for improving collection, segregation, storage and Transportation of waste		
21	Andhra Pradesh	%age	ULBs	Co
		91-100	61	6
		61-90	36	6
		10-60	23	2
22	Andaman Nicobar	At Port Blair in 70 locations covering 18 wards.		
23	Karnataka	Many local bodies have taken initiatives		
24	Orissa	Not yet initiated		
25	Tamil Nadu			
26	Jammu & Kashmir			
27	Uttar Pradesh	Lucknow, Kanpur		
28	Manipur			
29	Jharkhand			
30	Sikkim			
31	Kerala			
32	Delhi			
33	Uttarnachal			
34	Lakshadweep			

Status of setting up of Waste Processing and Disposal Facilities.

S. No	State/UT	Waste Processing Facilities either set up/ or being set up/Planned	Steps taken for landfilling (Identification of sites/initiatives taken)	Detailed Project Report prepared for management of MSW
1	West Bengal	North Dum-Dum, New Barrackpore, Kachrapora, Dum Dum, South Dum Dum Boranagar, Garuila, North Barrackpore, Paniheti, Habra, Asansol-Durgapur-Rahigm)-Jameria, Karseong, Serampur, Uttarpura, Kotrang, Rishtra, Konnagar, Baidyabati, Champalani, Chandernagore, Jalpaiguri, Mal, Kolkata, Kalyani, Balurghat	North Dum Dum, New Barrackpore, Panihati, Habra, Maheshtala, Asansol, Durgapur, Raniganj, Jamuria, Kurseong, Kolkata, Bhadreswar, Serampur, Uttarpura, Kotrang, Rishra, Konnagar, Baidyapati, Champdani, Jalpaiguri, Mal, Balurghat	
2	Chandigarh (UT)	Chandigarh	Chandigarh	
3	Assam	Guwahati, Dibrugar, Sivsagar, Silchar	Guwhati	Guwhati, Silchar, Dbirugar
4	Meghalaya	2 towns	4 towns	Shillong, Tura
5	Chhatisgarh	Raipur, Chirmiri, Korba, Bhilai, Rajnandgaon, Durg, Jagdalpur, Raigarh, Dhamtal	29 towns have identified sites for landfilling	Bilaspur
6	Nagaland	Kohima	Kohima	Kohima, Dimapur
7	Madhya Pradesh	Bhopal, Gwalior, Ujjain	314 towns have identified sites, 44 local bodies have acquired the sites. DPRs for landfill sites have been prepared for; Gwalior, Ujjain, Sheopur, Rewa, Khajuraho	Bhopal, Gwalior, Ujjain
8	Karnataka	Bangalore, Mangalore, Shimoga	<ul style="list-style-type: none"> 93 local bodies have taken possession for land filling Bangalore, Mangalroe, Karwar, puttur, Ankola, Bhatkol, Daveleli, Sirsi, Shimoga 	

S. No	State/UT	Waste Processing Facilities either set up or being set up, Planned	Steps taken for landfilling (Identification of sites, initiations)	Detailed Project Report prepared for management of MSW
9	Andhra Pradesh	<ul style="list-style-type: none"> Hyderabad (WTE), Guntur (Pellet), Vijaywada (WTE), Vijaywada (Compost), Vijaywada (Bio Methanation), Vizag, Suryapet, 44 ULBs have taken initiatives 	Vizag, Vizianagaram	
10	Punjab	Jalandhar		Mandi Gobindgarh, Kartarpur
11	Gujarat	Dhoraji, Botad, Kapadvanj, Una, Jamjodhpur, Jamnagar, Ahemdabad, Valsad, Rajkot, Ankleshwar, Chorvad, AUDA	Fencing & Lighting Nadiad, Karjan, Devgad, Kakalvanj, Himatnagar, Jodhpur, Dohad, Visnagar, Ahmedabad, Bhavnagar, Junagadh, Surat, Keshod Chandlodiya, Wadhwan Talod, Chaklasi, Dhrol, Solaya, Vapi, Ghatlodiya, Auda	
12	Andman Nicobar	Port Blair	Port Blair	
13	Puducherry	Puducherry	Puducherry	
14	Himachal Pradesh	Simla, Solan, Nohan, Bilaspur, Nagar Gumerwin, Una, Hamirpur, Dharamshala, Kangra, Nagrota, Bajowan, Mandi, Kullu, Mandi	All ULBs have identified sites except; CB Kasuli, Banjar, Bhuntar, Kullu	
15	Maharashtra	Nasik, Nagpur, Pune, Kolhapur, Dharur, Gorai, Parbhani, Jintur, Gangakhad, Sanpeth, etc. 17 A, 17 MC for composting. WTE-4	Nasik, Navi Mumbai	
16	Lakshadweep	-	-	
17	Bihar	Nil	Nil	Muzaffarpur, Navkaliagoy

S. No	State/UT	Waste Processing Facilities either set up or being set up, Planned	Steps taken for landfilling (Identification of sites, initiations)	Detailed Project Report prepared for management of MSW
18	Orissa	Puri, Paradeep, Rayagoda, Kotpad, Jatni, Barbie, Khallikote, Karaput	Nil	Bhubaneshwar, Rayagada, Berhampur, Barbil, Joda, Bhawaniptna, Baripada, Keonjhargar, Parlakhmundi, Brayrajnagar,
19	Uttar Pradesh	Ghaziabad, Noida	Noida, Kanpur, Bareilly, Ghaziabad,	Gorakhpur, Mainpuri, Muzaffarnagar, Firozabad, Moradabad,
20	Agartala	13 ULBs have taken initiatives	Agartala	Agartala
21	Arunachal Pradesh			
22	Mizoram			
23	Haryana			
24	Manipur			
25	Daman Diu			
26	Rajasthan			
27	Goa			
28	Tamil Nadu			
29	Jammu & Kahsmir			
30	Jharkhand			
31	Sikkim			
32	Kerela			
33	Delhi			
34	Uttaranchal			

Local bodies and status of Authorisations

S.No	States/UTs	Local Bodies						No. of applications received	No. of authorizations granted
		Corporations	Councils	Nagar Panchayat	Municipalities	Cantonments	Total		
1	Andhra Pradesh	14	-	-	122	-	136	111	66
2	Arunachal Pradesh	-	-	-	-	-	16	14	Nil
3	Assam	-	-	-	-	-	85	49	23
4	Andaman Nicobar	-	-	-	-	-	01	1	1
5	Chattisgarh	10	28	72	-	-	110	93	31
6	Chandigarh	01	-	-	-	-	01	1	1
7	Maharashtra	22	221	4	-	3	250	247	114
8	Tripura	-	1	12	-	-	13	13	13
9	Mizoram	-	-	-	-	-	INR	-	-
10	West Bengal	6	-	-	120	-	126	102	43
11	Madhya Pradesh	-	-	-	337	4	341	-	-
12	Gujarat	-	-	-	-	-	154	-	-
13	Punjab	5	91	37	-	4	137	137	1
14	Himachal Pradesh	1	20	28	-	7	56	-	-
15	Nagaland	-	-	-	-	-	06	1	1
16	Haryana	-	-	-	-	-	INR	-	-
17	Daman Diu	-	-	-	-	-	INR	-	-
	DNH	-	-	11	-	-	11	-	-
18	Bihar	5	32	85	-	-	122	38	Nil
19	Meghalaya	-	-	6	-	1	07	2	2
20	Rajasthan	-	-	-	-	-	INR	-	-
21	Goa	1	12	-	-	-	13	-	-
22	Puducherry	-	-	10	5	-	15	06	03
23	Orissa	-	-	-	-	-	103	55	17
24	Karnataka	6	497	97	44	-	226	226	226
25	Tamil Nadu	-	-	-	-	-	INR	-	-
26	Jammu & Kashmir	-	-	-	-	-	INR	-	-
27	Uttar Pradesh	11	-	399	200	-	610	396	53
28	Lakshadweep	-	-	-	-	-	-	-	-

S.No	States/UTs	Local Bodies						No. of applications received	No. of authorizations granted
		Corporations	Councils	Nagar Panchayat	Municipalities	Cantonments	Total		
29	Manipur								
30	Kerala								
31	Jharkhand								
32	Sikkim								
33	Delhi								
34	Uttaranchal								
	TOTAL	101	962	1005	1070	18	3577	2339	1220

SUMMARY OF DEMO PROJECT ON IMPLEMENTATION OF MSW RULES

S. No	City/Town	Area of City/Town (sq. km)	Population	Quantity of waste generation (MT/day)	No. of Wards	Project components for Demo-Project	Date of start & Duration	Remarks
1	North Dum Dum & Barrackpore (West Bengal)	26.45 16.89	220000 83000	70 25	30 19	<ul style="list-style-type: none"> ▪ <u>Phase-I</u>: Waste Collection, Segregation, Storage and transportation (Schedule-II) ▪ <u>Phase-II</u>: Waste Processing and Disposal 	22.4.03 18 mths --	Completed Phase-II finalised
2	Chandigarh (UT)	114	9,00,000	300	20 (61 sectors)	<ul style="list-style-type: none"> ▪ <u>Phase-I</u>: Waste collection, segregation, storage and Transportation (Schedule-II) ▪ <u>Phase-II</u> 	16.04.03 18 mths --	Under implementation. 70% completed under Phase-I. Phase-II has been finalised
3	Udumalpet (Tamil Nadu)	7.41	58,893	30	33	<u>Total Project</u> : Waste collection, segregation, storage, transportation, Processing and disposal	10.10.04 24 mths	Waste collection and transportation covered for 80% town. Work relating to Processing and Disposal is in progress
4	Kohima (Nagaland)	30	78,584	35	19	<ul style="list-style-type: none"> ▪ <u>Phase-I</u> : Waste collection, segregation and transportation ▪ <u>Phase-II</u> : DPR to be received on disposal 	12.09.05 36 mths	After procurement of tools/equipment, waste collection is spread over the town. Site for landfilling and processing is identified and is being proposed.
5	Mandi (Himachal Pradesh)	4.26	35,000	24	13	<ul style="list-style-type: none"> ▪ <u>Phase-I</u>: Waste collection, segregation, storage and transportation. ▪ <u>Phase-II</u>: DPR for Processing and disposal to be prepared 	14.09.05 36 mths	Tools/equipment are under procurement and wastes selected to start the waste collection.
6	Suryapet (Andhra Pradesh)	34	1,03,000	32	34	<u>Total Scheme</u> : Waste collection, segregation, storage, transportation, processing and disposal	22.09.05 24 mths	Work relating to waste collection, segregation, storage and

S. No	City/Town	Area of City/Town (sq. km)	Population	Quantity of waste generation (MT/day)	No. of Wards	Project components for Demo-Project	Date of start & Duration	Remarks
								transportation has been completed. Vermi-compost plant has been set up.
7	Itanagar (Arunachal Pradesh)	135	100000	42	59 (35+24)	Total scheme:	12.01.06 24 mths	Tools/ equipment under procurement. Site for landfill is under acquisition.
8	South –West Districts of Sikkim	50	1,16,000	42	--	Total Scheme:	08.02.06 24 mths	Tools/equipments are under procurement and action plans prepared for setting up of decentralized compost plants.
9	Jalna (Mahaashtra)	70.87	2,35,000	50	18	Total Scheme	12.01.06 24 mths	Action Plan prepared for waste handling and steps are planned for setting up of waste processing and disposal facility.
10	Agartala (Tripura)	58.84	3,67,822	200	35	<ul style="list-style-type: none"> ▪ Phase-I: Waste collection, segregation, storage and transportation ▪ Phase-II: DPR to be prepared for waste processing and disposal 	07.02.06 36 mths	Tools/equipment (partially) processed and wards in central area selected for execution of waste handling.
11	Kozhikode (Kerala)	82.67	4,36,527	300	51	Total Scheme:	4.11.05 24 mths	Phase-I completed and work is under progress for waste processing and disposal
12	Clusters of Municipalities around Ahmedabad	75.51	6,65,000	200	12 Towns	Waste Processing and disposal	13.03.06	Work under progress. Compost plant to be ready by March 2007 and one landfill cell is constructed.

d