

**ANNUAL REPORT**  
ON  
**IMPLEMENTATION OF MSW**  
(MANAGEMENT & HANDLING) RULES, 2000.  
FOR THE STATE OF MAHARASHTRA  
**(2007-08)**

....



**MAHARASHTRA POLLUTION CONTROL BOARD**  
Kalpataru Point, Sion Circle, Sion (East),  
Mumbai 400 022

No. BO/RO(HQ)/MSW/B-260

Date:12/01/2009

To,  
**Dr. A. B. Akolkar,**  
Additional Director & I/c PCP Division  
Central Pollution Control Board,  
Parivesh Bhavan, East Arjun Nagar,  
DELHI – 110 032.

**Sub:** - Implementation of MSW Rules....  
Forwarding of Annual Review Report 2007-08 –  
regarding.

**Ref:** - Provision (8) of MSW Rules, 2000 regarding  
Submission of Annual review report.

Sir,

Please find enclosed herewith a copy of 'Annual Review Report' in Form-IV along with summary statements and additional information for 2007-08 under MSW (M&H) Rules, 2000 for the Maharashtra State and same information hosted on web site [mpcb.gov.in](http://mpcb.gov.in).

This is submitted for your information and necessary action.

Thanking you,

Yours faithfully,

**D. A.** - As above

Sd/-

**(Sanjay Khandare, IAS)**  
Member Secretary

**Form- IV**  
**[See rule 8 (1)]**

**Format of Annual Review Report to be submitted by the State Pollution Control Board / Committees to the Central Pollution Control Board.**

To,

The Chairman,  
Central Pollution Control Board,  
(Ministry of Environment and Forests)  
Government of India,  
' Parivesh Bhavan', East Arjun Nagar,  
Delhi – 110 032.

- |    |  |   |                                     |    |
|----|--|---|-------------------------------------|----|
| 1. | Name of the State/ Union territory   | : | MAHARASHTRA                         |    |
| 2. | Name & address of the State Pollution Control Board/ Pollution Control Committee   | : | Maharashtra Pollution Control Board |    |
| 3. | Number of municipal authorities responsible for Management of municipal solid wastes in the State / Union territory under these rules. |   | 252                                 |    |
|    |  |   | Corporations/Councils-244           |    |
|    |  |   | Cantonment 05                       |    |
|    |  |   | Nagar Panchayat 03                  |    |
|    |  |   | -----                               |    |
|    |  |   | 252                                 |    |
|    |  |   | -----                               |    |
|    |  |   | Page No                             |    |
| 4. | A summary Statement on progress made by Municipal authorities in respect of Implementation of Schedule I [rule 4 (3)]                  | : | Annexure –I attached                | 03 |
| 5. | A Summary statement on progress made by Municipal authorities in respect of Implementation of Schedule II [rules 6(1) & 3, 7 (1)]      | : | Annexure –II attached               | 30 |
| 6. | A summary Statement on progress made by Municipal authorities in respect of Implementation of Schedules III [rules 6(1) & (3), 7 (2)]  | : | Annexure- III attached              | 32 |
| 7. | A summary Statement on progress made by Municipal authorities in respect of Implementation of Schedule IV [rules 6(1) & (3), 7 (2)]    | : | Annexure - IV attached              | 35 |
| 8. | Management Plan and Other issues   | : | Annexure -V attached                | 36 |

**Date:**  
**Place: Mumbai**

**(Sanjay Khandare)**  
**Member Secretary**

**SUMMARY STATEMENT ON PROGRESS MADE BY MUNICIPAL  
AUTHORITIES IN RESPECT OF IMPLEMENTATION SCHEDULE-1  
[RULE 4 (3)]**

In the State of Maharashtra, there are 252 No. of local Bodies (Metro cities, Corporations, 'A'-class Councils, 'B' & 'C' class Councils, Cantonments, Boards & Nagar Panchayats). The detail breakup of ULBs is as below:-

1	Corporations	22
2	'A' class Council	18
3	'B' & 'C' class Council	204
4	Cantonment Board	05
5	Nagar Panchayat	03
Total		252

Maharashtra Pollution Control Board has prepared a summery statement of all local bodies indicating class, populations, Quantum of MSW generations, status of Authorization and Form –II submission by the local bodies. The Region wise abstract along with summery statement in the state of Maharashtra enclosed as **Annexure-I A**. Out of 252 ULBs, MPC Board have been refused 08 ULBs. The total generation of MSW is 19204 MT/day in which terms of total waste generation in the corporation are is 83.99%, A class council is 4.70%, B class council is 5.97% and C class municipal council is 5.32% respectively statement of Municipal Solid Waste generation in MT/day in the State is enclosed as **Annexure-I B**. The legal time frame for implementation of MSW (M&H) Rules, for setting up facility as well as improvement in existing landfill has already got expired on 31/12/2003 and identification of landfill sites for future use and making sites(s) ready for operation has expired on 31/12/2002. Looking at the time frame the compliance is not satisfactory. However progress is observed towards compliance.

Summery statement on progress made by Municipal Authorities in respect of implementation of Schedule-I [Rules 4(3)] enclosed is as **Annexure-I C**.

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# **MAHARASHTRA POLLUTION CONTROL BOARD**

## **STATUS OF ULB's WITH RESPECT TO MSW RULES IN THE STATE OF MAHARASHTRA (REGIONWISE ABSTRACT)**

Sr. No.	Name of Region	No. of ULBs	No. of ULB refused Authorization	No. of ULB submitted Form II
1	Amravati	<b>40</b>	<b>--</b>	<b>08</b>
2	Aurangabad	<b>53</b>	<b>--</b>	<b>28</b>
3	Kalyan	<b>05</b>	<b>01**</b>	<b>05</b>
4	Kolhapur	<b>24</b>	<b>01**</b>	<b>09</b>
5	Mumbai	<b>01</b>	<b>1**</b>	<b>01</b>
6	Nagpur	<b>31</b>	<b>--</b>	<b>06</b>
7	Nashik	<b>43</b>	<b>1**</b>	<b>34</b>
8	Navi Mumbai	<b>02</b>	<b>1**</b>	<b>--</b>
9	Pune	<b>34</b>	<b>02**</b>	<b>01</b>
10	Raigad	<b>10</b>	<b>--</b>	<b>08</b>
11	Thane	<b>09</b>	<b>1**</b>	<b>08</b>
	<b>Total</b>	<b># 252</b>	<b>08**</b>	<b>108</b>

# 252 ULB's = 244 Corp / Councils + 5 cantonment Boards + 3 Nagar Panchayats

\*\* Authorizations of Mumbai, Navi Mumbai & Sangli Miraj Kupwad Municipal Corporation, Trimbakeshwar, Ambernath, Dahanu, Pachgani and Mahabaleshwar Municipal Council has been refused by MPC Board.

**Municipal Solid Waste generation MT/day in the State.**

<b>Region</b>	<b>Corporation</b>	<b>“A” Class</b>	<b>“B” Class</b>	<b>“C” Class</b>
<b>Amravati</b>	320.0	53.0	184.0	158.0
<b>Aurangabad</b>	450.0	256.0	144.0	218.0
<b>Kalyan</b>	1135.0	75.0	52.0	--
<b>Kolhapur</b>	355.0	60.0	79.0	55.0
<b>Mumbai</b>	9300.0	-	-	-
<b>Nagpur</b>	770.0	205.0	190.0	91.0
<b>Nashik</b>	761.0	51.0	282.0	155.0
<b>Navi Mumbai</b>	500.0	-	-	8.0
<b>Pune</b>	1490.0	62.0	96.0	109.0
<b>Raigad</b>	-	22.0	20.0	68.0
<b>Thane</b>	1050.0	120.0	100.0	1.0
<b>Total</b>	<b>16131.0</b>	<b>904.0</b>	<b>1147.0</b>	<b>1022.0</b>

**Corporation : 16131.0 - 83.99%**  
**A Class : 904.0 - 04.70%**  
**B Class : 1147.0 - 05.97%**  
**C Class : 1022.0 - 05.32%**  
**Total : 19204.0 - 100.0%**

**Summery statement on progress made by Municipal Authorities in respect of implementation of Schedule-I [Rules 4(3)]**

Sr. No.	Compliance Criteria	Name & No. of complied Local Bodies																					
1	Setting up of waste processing and disposal facilities ( 31.12.2003 or earlier)	<table> <tr> <td></td><td>Treatment</td><td>Disposal</td></tr> <tr> <td>1. Nashik M. Corp</td><td>Yes</td><td>Yes</td></tr> <tr> <td>2. Kolhapur M. Corp</td><td>Yes</td><td>No</td></tr> <tr> <td>3. Navi Mumbai M. Corp</td><td>No</td><td>Yes</td></tr> <tr> <td>4. Ambad M. Council</td><td>Yes</td><td>Yes</td></tr> <tr> <td>5. Navapur M. Council</td><td>Yes</td><td>Yes</td></tr> <tr> <td>6. Sonpeth M. Council</td><td>Yes</td><td>Yes</td></tr> </table>		Treatment	Disposal	1. Nashik M. Corp	Yes	Yes	2. Kolhapur M. Corp	Yes	No	3. Navi Mumbai M. Corp	No	Yes	4. Ambad M. Council	Yes	Yes	5. Navapur M. Council	Yes	Yes	6. Sonpeth M. Council	Yes	Yes
	Treatment	Disposal																					
1. Nashik M. Corp	Yes	Yes																					
2. Kolhapur M. Corp	Yes	No																					
3. Navi Mumbai M. Corp	No	Yes																					
4. Ambad M. Council	Yes	Yes																					
5. Navapur M. Council	Yes	Yes																					
6. Sonpeth M. Council	Yes	Yes																					
2	Monitoring the performance of waste processing and disposal facilities ( once in a six months)	1. Nashik M. Corp 2. Kolhapur M. Corp 3. Navi Mumbai M. Corp 3. Ambad M. Council 4. Navapur M. Council 5. Sonpeth M. Council																					
3	Improvement of existing landfill sites as per provisions of these rules ( 31.12.2001 or earlier)	1. Nashik M. Corp																					
4	Identification of landfill sites for future use and making site(s) ready for operation ( 31.12.2002 or earlier)	252 (Sites identified as on date.)																					

**MSW Plants Constructed with NISARGRUNA Technology**

Sr. No.	Location	Rated capacity MT/day
1	BARC, Mumbai	1
2	Anushaktinagar, Mumbai	5
3	Anushaktinagar, Mumbai	5
4	Govandi, Mumbai	5
5	Deonar abattoir, Mumbai	5
6	INS Kunjali, Colaba, Mumbai	1
7	INS Chilka, Mumbai	1.5
8	Hiranandani Estate, Thane	5
9	Pen Municipal Council, Pen	3
10	Malvan Municipal Council, Malvan	5
11	Chandrapur Municipal Council	1.5

12	TIFR, Colaba, Mumbai	1
13	Matheran Municipal Council, Matheran	5
14	Sawantwadi Municipal Council, Sawantwadi	5
15	Anjangaon Municipal Council, Anjangaon (Amravati)	1
16	Nanded Municipal Corporation, Nanded	2
<b>Total</b>	<b>16 Plants</b>	<b>52</b>

#### **Plants under Construction with NISARGRUNA Technology**

<b>Sr. No.</b>	<b>Location</b>	<b>Rated capacity MT/day</b>
1	Aurangabad Municipal Corporation	3
2	Rahuri Municipal Council	2
3	Tata Thermal Power, Turbhe	3
4	Khopoli Municipal Council	5
5	Panvel Municipal Council	5
6	Pali Municipal Council, (Raigad)	1
7	Jaysingpur Municipal Council	3
8	Tata Consultancy Services, Thane	1
<b>Total</b>	<b>8 Plants</b>	<b>23</b>



## PRESENT STATUS OF ULBs IN MAHARASHTRA

Sr. No.	Name of ULB	Class	Population	MSW Qty/Day	Identified Sites	MSW Processing facility	Transport Facility
<b>AMRAVATI REGION</b>							
01	Akot M. Council	B	80,000	2.0	S. No. 261/1, Daryapur road, Akot.	Dumping	T1-0 T2-03 T3- T4-1 R-09
02	Amravati M. Corporation	Corp	6,24,553	170.0	S. No. 155, 165 Peth Sukli, Amravati.	Dumping	T1-240 T2-01 T3-02 T4-08 R- 425
03	Achalpur M. Council	A	1,07,304	25.0	S. No. 84, Rajapura and Belkheda.	Partly Composting	T1-40 T2-09 T3- T4- R-
04	Akola M. Corporation	Corp	4,25,000	150.0	1) S. N. 31, Bhod. 2) S. N. 39, Yeota.	Partly Composting	T1-15 T2- T3-20 T4-57 R- 100
05	Telhara M. Council	C	18,906	4. 5	S. No. 60, Noorabad.	Dumping	T1- T2-03 T3- T4- R- 40
06	Balapur M. Council	C	39,000	7.5	S. No. 66, Gazipur	Dumping	T1- T2-1 T3-2 T4-1 R- 13
07	Murtizapur M. Council	C	38,851	10.0	S. No. 177, Hatgaon	Dumping	T1- T2-2 T3- T4-1 R- 50
08	Patur M. Council	C	23,000	4.0	S. No. 72, Shirla	Dumping	T1- T2 T3- T4-1 R-
09	Sindkhed Raja M. Council	C	14,000	4.0	S. No. 08, sindkhed Raja.	Dumping	T1- T2-1 T3- T4- R-
10	Deulgaon Raja M. Council	C	24,372	6.0	S. No. 37, Deulgaon Raja	Dumping	T1-5 T2-2 T3-2 T4- R- 43

11	Mehkar M. Council	C	37,716	10.0	S. No. 194, Mehkar	Dumping	T1- T2-2 T3-2 T4- R- 36
12	Lonar M. Council	C	20,000	4.0	S. No. 183/1, Lonar.	Dumping	T1- T2- T3-1 T4-1 R-
13	Buldhana M. Council	B	63,000	15.0	S. No. 70/2, Buldhana	Dumping	T1-10 T2-4 T3-2 T4-1 R- 50
14	Shegaon M. Council	B	52,000	15.0	S. No. 357, Shegaon.	Dumping	T1-17 T2-3 T3- T4- R-
15	Khamgaon M. Council	B	88,670	24.0	S. No. 49, Khamgaon	Dumping	T1- T2-2 T3- T4-2 R- 78
16	Chikhali M. Council	B	48,414	20.0	S. No. 05, Chikhli	Dumping	T1-3 T2-2 T3-3 T4- R- 64
17	Nandura M. Council	C	45,000	7.0	S. No.122, Nandura	Dumping	T1- T2- T3-1 T4- R- 48
18	Malkapur M. Council	B	61,015	15.0	S. No. 92, Malkapur	Dumping	T1- T2 T3-1 T4- R- 35
19	Jalgaon-Jamod M. Council	C	26,000	7.0	Gat No. 193, Moujze Wayal	Dumping	T1- T2-2 T3- T4- R- 40
20	Yavatmal M. Council.	A	1,20,763	28.0	S. N. 4, Vill: Sawargad, Yavatmal.	Dumping	T1-19 T2-4 T3-2 T4- R- 25
21	Pusad M. Council.	B	67,152	20.0	K. No. 19, Mahagaon Rd., Palodi Shivar	Dumping	T1-18 T2-3 T3-3 T4- R- 30
22	Wani M. Council	B	52814	20.0	S. No. 106 Lalguda	Dumping	T1- T2 T3- T4- R-17

23	Umarkhed M. Council	C	34,059	19.0	S. No. 26, E Umarkhed	Composting	T1-03 T2-03 T3- T4- R-50
24	Darwaha M. Council	C	23,360	5.0	S. No. 137/2, Darwaha	Composting	T1-2 T2-1 T3-1 T4- R- 5
25	Digras M. Council	C	39,169	10.0	S. No. 122 & 119, Digras	Dumping	T1- T2 T3- T4- R-15
26	Pandharkawda M. Council	C	26,567	5.0	P.No. 4, Sheet II B Pandharkawda	Dumping	T1-14 T2 T3- T4- R-14
27	Ghatanji M. Council	C	19,347	4.5	15/1, Ghat (Ghatanji)	Dumping	T1-6 T2-2 T3- T4- R- 19
28	Washim M. Council	B	62,967	10.0	S. No. 83/1, Washim	Dumping	T1-04 T2- T3- T4- R-21
29	Karanja Lad M. Council	B	60,152	12.5	S. No. 71, Kolikaraja	Dumping	T1-6 T2-1 T3- T4-1 R- 67
30	Mangrulpir M. Council	C	27,815	7.0	S. No. 15, Mangrulpir	Dumping	T1-05 T2-2 T3- T4- R- 70
31	Risod M. Council	C	27,000	8.0	S. No. 125, Risod	Dumping	T1-20 T2-2 T3-2 T4- R-
32	Warud M. Council	B	41,005	16.0	S. No. 10 Warud	Dumping	T1-14 T2-2 T3- T4- R- 50
33	Aujangaon Surji M. Council	B	51,163	14.0	S. No. 23/2, Shahpur	Composting	T1- T2- T3-2 T4-1 R- 2
34	Morshi M. Council	C	33,607	6.5	S. No. 68, Moujze Koprn	Dumping	T1-14 T2-3 T3-3 T4- R- 112

35	Dhamargaon Rly M. Council	C	21,430	7.0	S. No. 72, Mouje Juna, Dhamangaon	Dumping	T1- T2-2 T3-52 T4-1 R- 10
36	Sherdurjana ghat M. Council	C	21,080	5.0	S. No. 72/1, Malkapur	Dumping	T1-5 T2-2 T3- T4- R- 30
37	Chandur Rly M. Council	C	17,720	3.0	S. No. 261, Chandur Rly.	Dumping	T1-10 T2-1 T3-10 T4- R- 40
38	Daryapur M. Council	C	34,398	6.0	S. No. 32 Bansa	Dumping	T1-02 T2- T3-01 T4- R-18
39	Chikhaldara M. Council	C	4,718	2.0	Sheet No. 01, P.N. Chikhaldara	Dumping	T1-04 T2- T3- T4-01 R-15
40	Chandur Bazar M. Council	C	17,635	5.0	S. No. 67/2, Chandur Bazar	Dumping	T1-6 T2-02 T3-01 T4- R- 80
<b>AURANGABAD REGION</b>							
01	Jalna M. Council	A	2,35,529	90.0	G. N. 59, Samangaon Gat no.9, Panshendra, Jalna.	Proposed composting with financial assistance of CPCB, MPCB & Jalna M. Council.	T1-02 T2-4 T3-24 T4-1 R- 98
02	Ambad M. Council	C	35,000	7.0	Sr. No. 407, Pachod Road, Ambad	Demo Project with financial assistance of MPCB for composting	T1-06 T2-02 T3-02 T4- R-
03	Partur M. Council.	C	29,012	2.0	Sr. No. 386, Amba Partur.	Composting	T1- T2-1 T3-02 T4-40 R- 40
04	Bhokardan M. Council	C	16,950	2.0	Sr. No. 16, at Masanpur, Bhokardan	Vermi Composting	T1-08 T2-01 T3- T4- R- 02
05	Beed M. Council	A	1,38,091	31.0	S. No. 192, At Shidod, Beed G. N. 195, Jirewadi.	Partly composting	T1-04 T2-01 T3-90 T4- R- 280
06	Ambajogai M. Council	B	70,000	10.0	Sr. No. 17, at Kalvith Tanda, Ambajogai	Partly Vermicomposting	T1-80 T2-2 T3-2

							T4-02 R-40
07	Majalgaon M. Council	B	44,022	12.0	Sr. No.1, Kesapuri, Majalgaon.	Composting	T1-13 T2-1 T3-12 T4- R-20
08	Dharur M. Council	C	18,350	4.0	Sr. No. 378, Dharur	Partly Vermi composting	T1- T2- T3-01 T4-02 R- 12
09	Georai M. Council	C	30,000	10.0	Sr. No. 530, Khadegaon Road, Georai	Dumping	T1-15 T2-2 T3-2 T4-02 R- 20
10	Parbhani M. Council	A	2,59,171	54.0	S. No. 236 to 239, M. council Area, Dhar Road, Parbhani	Dumping	T1- T2- T3- T4- R-24
11	Jintur M. Council	C	60,265	12.0	S. No. 230, 231, Jintur- Yaldari Road, Jintur.	Dumping	T1-04 T2-03 T3- T4- R-50
12	Gangakhed M. Council	B	40,428	13.0	S. No. 72 of Village Pimpri, Tal- Gangakhed	Partly Vermi composting	T1- T2- T3-14 T4-01 R-50
13	Manwat M. Council	C	29,218	14.0	S. No. 280, Manwat	Composting & Vermi composting	T1- T2-02 T3- T4-01 R-25
14	Purna M. Council	C	33,321	7.0	S. No. 23, At Kanadkhed Village, Tal- Purna	Vermi composting	T1-13 T2-1 T3-1 T4-1 R- 10
15	Selu M. Council	C	40,000	15.0	S. No. 91, Walur Road, Selu	Dumping	T1-06 T2- T3-02 T4-02 R-50
16	Pathri M. Council	C	33,001	7.0	S. No. 57 Pathri. Vitha Road, Pathri	Composting	T1-2 T2- T3-1 T4-1 R- 40
17	Sonpeth M. Council	C	13,022	5.0	G. No. 174 at Dighol Islampur, Tal- Sonpeth.	Demo Project with financial assistance of MPCB for composting	T1- T2- T3-1 T4-1 R- 10
18	Hingoli M. Council	B	69,432	25.0	G No. 177, Raholi [khd]	Vermi composting	T1-4 T2-4 T3-5

							T4-2 R-25
19	Kalamnuri M. Council	C	20,632	5.0	S. N. 520 & 521 at Pallodi, Tal- Kalmanuri	Partly composting & Vermi composting	T1-05 T2- T3-2 T4- R- 20
20	Basmat M. Council	B	57,360	8.0	G. No. 263, Village- Malwata	Composting	T1- T2- T3- T4-02 R-07
21	Parli (V) M. Council	B	88,570	28.0	S. No. 478 Parli (V)	Partly Composting	T1- T2- T3-3 T4-2 R- 85
22	Latur M. Council	A	2,99,985	81.0	Gat No. 30, Warwanti Tal & Dist- Latur.	Dumping.	T1-30 T2- T3- T4-6 R- 200
23	Ausa M. Council	C	30,876	1.5	Gat No. 19, Ausa, Dist- Latur	Composting	T1- T2-2 T3-2 T4-5 R-50
24	Nilanga M. Council	C	31,660	1.5	Gat No. 53, Nilanga Tal & Dist- Latur	Composting	T1- T2-2 T3-2 T4- R- 170
25	Udgir M. Council	B	91,933	30.0	Sr. No. 97, AT Post- Udgir, Tal- Udgir,	Composting	T1- T2-4 T3-30 T4-1 R- 168
26	Ahmedpur M. Council	C	35786	5.0	Sr. No. 26, Ahmedpur, Tal- Ahmedpur.	Dumping	T1- T2- T3- T4- R- 10
27	Osmanabad M. Council	B	80612	15.0	Gat No. 348, Mahajan Mala, Solapur- A'bad bypass road.	Composting	T1- T2- T3- T4-1 R- 250
28	Omerga M. Council	C	30,178	15.0	Sr. No. 120 Omega	Partly Vermi composting	T1- T2-2 T3- T4-1 R- 50
29	Bhoom M. Council	C	17,509	2.0	Sr. No. 193, Bhoom.	Dumping	T1- T2-1 T3-1 T4- R- 15
30	Paranda M. Council	C	16,987	3.0	Sr. No. 174, Vill: Kasbe, Paranda.	Composting	T1-04 T2-0 T3-02

							T4-12 R- 15
31	Tuljapur M. Council	C	31,714	20.0	Gat No. 217, Tuljapur-Naldurg road, Tal- Tuljapur.	Composting	T1- T2-2 T3-2 T4- R- 15
32	Naldurg M. Council	C	17,600	2.0	Sr. No. 236, At- Naldurg, Tal- Tuljapur	Dumping	T1-05 T2-0 T3-0 T4-1 R- 12
33	Kalamb M. Council	C	18016	2.0	Sr. No. 348 Kalamb.	Dumping	T1-02 T2- T3- T4- R- 15
34	Murum M. Council	C	17,232	2.0	Sr. No. 163, Gat No. 114, Tal- Omerga.	Dumping.	T1- T2-1 T3-1 T4- R- 24
35.	Aurangabad M. Corporation	Corp.	10,00,000	300.0	At Village: Naregaon.	Dumping	T1-15 T2-04 T3-04 T4-05 R-85
36.	Gangapur M. Council	C	22325	3.5	G. No. 30, Ambewadi.	Dumping	T1-04 T2- T3- T4- R-15
37.	Paithan M. Council	C	34518	5.0	G. No 54, Paithan – Nagar Road.	Dumping	T1- T2- T3- T4- R-17
38.	Vaijapur M. Council	C	37,064	5.0	Gat No. 210, Galande, Vaijapur	Partly Vermi composting	T1- T2-01 T3- T4- R-15
39.	Kannad M. Council	C	34,408	6.0	S. No. 14, Vithalpur.	Vermi composting	T1- T2- T3- T4-01 R-12
40	Khultabad M. Council	C	12,704	2.0	S. No. 86, Sarai, Phulambri road.	Partly Vermi composting	T1-04 T2- T3- T4- R-14
41	Sillod M. Council	B	43,867	8.0	S. No. 110, Pimpalgaon.	Dumping	T1-04 T2 T3- T4- R-15
42	Nanded-Waghala M. Corporation	Corp	4,30,730	150.0	Sr. No. 160, Village- Puyani	Partly Composting	T1- 177 T2-16 T3-10

							T4-17 R- 530
43	Loha M. Council	C	20,148	8.0	Sr. No. 126, Village-Haldav.	Dumping	T1-7 T2-2 T3-2 T4- R- 35
44	Hadgaon M. Council	C	23,339	7.0	S. No. 225/1, Hadgaon	Dumping	T1- T2-2 T3-2 T4- R- 05
45	Mudkhed M. Council	C	18,704	5.5	G. No. 427, Mudkhed	Dumping	T1- T2-2 T3-2 T4- R- 25
46	Kinwat M. Council	C	24,868	5.0	S. No. 46, Raighad Road	Dumping	T1- T2-2 T3-2 T4- R- 25
47	Kandhar M. Council	C	20, 678	8.0	S. No. 12-C, Kandhar-Loha road	Vermi Composting	T1-08 T2-1 T3-1 T4- R- 17
48	Biloli M. Council	C	13,4 30	2.0	S. No. 178 Kndalwadi road	Composting & Vermi Composting	T1- T2-1 T3- T4- R- 10
49	Umri M. Council	C	11,151	3.0	S. No. 30 Umri.	Composting & Vermi Composting	T1-09 T2-2 T3- T4-01 R- 04
50	Kundalwadi M. Council	C	14,355	3.0	S. No. 139, 2/A, Pimpalgaon Road.	Dumping	T1- T2-1 T3- T4- R- 20
51	Mukhed M. Council	C	25900	6.5	S. No. 98/1, Mukhed	Dumping	T1- T2-1 T3- T4- R- 75
52	Dharmabad M. Council	C	29,952	5.0	S. No. 361/1,2, Balapur Road	Dumping	T1-8 T2-2 T3- T4- R- 20
53	Degloor M. Council	B	48,024	10.0	S. N. 146, G. N. 443, Bhaktapur Road, Degloor	Partly composting	T1-6 T2-3 T3-61 T4- R- 40
<b>KALYAN REGION</b>							



1	Kalyan Dombivali M. Corporation.	Corp.	12,00,000	550.0	1) Adharwadi. 2) Village- Umbarde, Tal- Kalyan	Dumping	T1-44 T2-7 T3- T4-29 R-310
2	Bhiwandi Nizampur City M. Corporation.	Corp.	6,00,000	285.0	1-S. No. 115, at Dapoda Village, Tal- Bhiwandi	Dumping	T1-43 T2-1 T3- T4-12 R- 220
3	Ulhasnagar M. Corporation	Corp.	4,72,943	300.0	1- S. No. 44, 45, 53, 55, 57, Moujze Kambe, Tal- Kalyan.	Dumping	T1-05 T2- T3- T4-12 R-75
4	Ambernath M. Council.	A	2,03,804	75.0	1- Site at S. No. 132, Chikloli, Ambernath	Partly composting	T1- T2-1 T3- T4-5 R- 119
5	Badlapur M. Council	B	97,948	52.0	Sr. No. 178, at Vadvali	Partly Composting	T1-32 T2-1 T3- T4-3 R-40
<b>KOLHAPUR REGION</b>							
01	Kolhapur M. Corporation.	Corp	4,84,101	165.0	S. No. 842, C.S. No. 29, Kasba Bawda.	Composting	T1- T2- T3- T4-17 R- 121
02	Chiplun M. Council.	B	46,229	14.0	S. No. 168, Shivaji Nagar, Chiplun.	Partly Composting	T1- T2 T3- T4-5 R-15
03	Khed M. Council	C	13,812	5.0	S. No. 321, Sukhadar, Khed	Dumping.	T1- T2 T3- T4-1 R-12
04	Malvan M. Council	C	18,680	3.5	S. N. 192, Malvan Belna road, Mouje Adari.	Composting.	T1-03 T2 T3-01 T4- R-07
05	Dapoli Nagar Panchayat	NP	13,848	1.5	S. No. 103, Mauje- Dapoli	Dumping.	T1- T2 T3- T4-2 R-14
06	Ratnagiri M. Council	B	70,383	20.0	1] S. No. 385, Vill- Nachne 2] S. No. 219 Dande Adom	Dumping	T1- T2-1 T3- T4-4 R-

07	Rajapur M. Council	C	10,499	1.0	S. No. 39, H. No. 10, Hardi	Partly composting	T1-01 T2-1 T3- T4- R-52
08	Sawantwadi M. Council	C	22905	6.0	S. No. 144, H. No. 1, Kariwade	Composting	T1- T2-1 T3-3 T4- R-11
09	Kankwali Nagar Panchayat	NP	14,725	2.0	S. N. 79, Nagve road, Kankawli.	Composting	T1-02 T2 T3- T4- R-09
10	Vengurla M. Council	C	12471	4.0	Ramghat Road, Vengurla	Dumping	T1- T2 T3-2 T4- R-
11	Ichalkaranji M. Council	A	2,70,000	60.0	R. S. 638, Sangli naka, Ichalkaranji	Dumping	T1- T22 T3- T4-6 R-
12	Kurundwad M. Council	C	21,325	3.0	Gat No. 114, At: Majre Wadi	Composting	T1- T2-2 T3-2 T4- R- 45
13	Kagal M. Council	C	23,775	1.50	S. No. 406, Kagal, Dist- Kolhapur	Composting	T1- T2-2 T3-2 T4- R- 46
14	Gadhinglaj M. Council	C	25,536	5.0	S. No. 28, Gadhinglaj	Vermi composting	T1- T2-2 T3-2 T4- R- 75
15	Murugad M. Council	C	10285	3.0	S. No. 250/2/B, Chimgaon Rd.	Composting	T1- T2-1 T3- T4-1 R- 15
16	Malkapur M. Council	C	5,503	1.0	S. No. 68, A/p- Uchat, Tal- Shahuwadi	Dumping	T1- T2-2 T3-2 T4- R- 19
17	Panhala M. Council	C	3,450	1.0	CTS No. 209, S. No. 20-A, Site No. 54. A/p- Panhala	Dumping	T1- T2- T3- T4- R- 74
18	Vadgaon M. Council	C	22,754	5.0	S. No. 173, Tasgaon Rd, A/p- Vadgaon	Dumping	T1- T2-2 T3- T4- R-

19	Jaysingpur M. Council	B	43,055	17.0	S. No. 44, 104, Near Namdari Rd.	Biogas plant	T1-4 T2-2 T3-1 T4-2 R- 120
20	Sangli Miraj Kupwad M. Corporation	Corp	4,36,639	190.0	1) S. N. 207, Sangliwadi 2) S. N. 121/132, Waddi.	Dumping	T1- T2-1 T3-2 T4-13 R- 90
21	Islamapur M. Council	B	58,330	20.0	S. No. 23, Islamapur	Partly composting & vermi Composting	T1-03 T2-01 T3-30 T4- R-30
22	Vita M. Council	B	41,797	8.0	G. No. 707, Vita	Partly vermi Composting	T1-04 T2-2 T3-3 T4-1 R-10
23	Ashta M. Council	C	33,204	5.0	S. No. 268, Ashta	Partly vermi Composting	T1- T2-1 T3- T4- R- 45
24	Tasgaon M. Council	C	33,457	7.0	G. No. 844, Tasgaon	Composting	T1-6 T2-2 T3- T4-1 R- 8
<b>MUMBAI REGION</b>							
01	Municipal Corporation of Greater Mumbai	Metro City	Above 1 Crore	9300.0	Mulund, Deonar, Kanujmarg.	Composting-100 MT/d Dumping	T1-T2-536 T3-1900 T4-218 R- 998
<b>NAGPUR REGION</b>							
01	Nagpur Municipal Corporation.	Corp.	24,00,000	780.0	Mauze Bhandewadi, Tal & Dist- Nagpur	Partly Vermi Composting	T1-1830 T2-07 T3-04 T4-73 R-320
02	Kamptee M. Council	B	1,00,000	55.0	Gat No. 29-A, Mauza Kamptee, Tal & Dist- Nagpur	Composting	T1-02 T2- T3- T4- R-08
03	Ramtek M. Council	C	22,517	5.0	Gat No. 216, Kh. No. 157/2, Mauza Kawadak, Ramtek.	Composting	T1-05 T2- T3- T4- R-09
04	Katol M. Council	C	37,800	10.0	Gat No. 192 & 260, Mauza, Khanegaon, Katol	Composting	T1-30 T2-3 T3- T4-2

							R-50
05	Saoner M. Council	C	26,631	6.0	Kh. No.22/23 & 681, Mauza, Saoner, Dist- Nagpur	Composting	T1-02 T2- T3- T4- R-14
06	Khapa M. Council	C	14,972	3.5	Kh. No. 127-A, Mauza Khapa, Tal- Saoner, Dist- Nagpur	Partly Composting	T1-10 T2-1 T3-10 T4- R-1
07	Narkhed M. Council	C	20000	7.0	Kh. No.558, Tal- Narkhed, Dist- Nagpur	Composting	T1-07 T2- T3- T4- R-13
08	Kalmeshwar M. Council	C	25,000	6.0	Gat No. 1331/332, 359 & 260, Gauri Road, Kalmeshwar	Composting	T1-04 T2- T3- T4- R-14
09	Mowad M. Council	C	8,737	2.0	Gat No. 446, Mowad, Tal- Narkhed, Dist- Nagpur	Composting	T1-20 T2-2 T3- T4- R-170
10	Mohapa M. Council	C	7,066	1.5	Gat No. 280, Mauza Sawangi, Mohapa, Dist- Nagpur	Composting	T1-04 T2- T3- T4- R-09
11	Wardha M. Council	A	1,02974	45.0	S. No. 13, Mauza Inzapur, Tal & Dist- Wardha	Vermi Composting	T1-05 T2- T3- T4-02 R-22
12	Pulgaon M. Council	C	31,800	6.0	S. No. 499, Mauza Gunjkhedha, Tal- Deoli, Dist- Wardha	Dumping	T1-04 T2- T3- T4- R-11
13	Deoli M. Council	C	13,734	5.0	S. no. 172, Mauza Watkheda, Tal- Deoli, Dist- Wardha	Dumping	T1-06 T2- T3- T4- R-08
14	Sindhi M. Council	C	15000	1.5	S. No. 380, Mauza Sindhi (Railway), Dist- Wardha	Dumping	T1-05 T2 T3- T4- R-09
15	Arvi M. Council	B	32,000	4.5	S. No. 77,79 & 80/1, Mauza Sarangpuri	Dumping	T1-06 T2 T3- T4- R-12
16	Umred M. Council	B	49577	13.0	Gat No. 190, Mauza Khedi, Tal- Umred, Dist- Nagpur	Vermi Composting	T1-04 T2- T3- T4-01

							R-13
17	Bhandara M. Council.	B	85,035	22.0	S. No. 88/2, Mauza, Jamni, Tal & Dist- Bhandara	Partly Composting	T1-07 T2- T3- T4-01 R-18
18	Tumsar M. Council	B	42,018	8.0	S. No.155/2, 169/2, 160/2, Mauza Dongrala Naka, Bapera Road, Tumsar	Partly Composting	T1-1 T2-4 T3- T4- R-13
19	Pauni M. Council	C	22,583	1.5	Gat No. 70, Mauza Kachekhani, Tal- Pauni, Dist- Bhandara	Partly Composting	T1-01 T2- T3- T4- R-14
20	Gondia M. Council	A	1,20,878	40.0	S. No. 399, Mauza Temni, Asoli Road, Gondia, Dist- Gondia	Partly Composting	T1-04 T2- T3- T4-01 R-14
21	Tiroda M. Council	C	22,527	8.5	Gat No. 410/1- A,B,C,408/1, Mauza Tiroda, Tal & Dist- Gondia	Partly Composting	T1-05 T2- T3- T4- R-12
22	Chandrapur M. Council	A	2,89,450	120.0	S. No. 503-1-A, Mauza Chanda, Rayatwari, Dist- Chandrapur	Dumping	T1-04 T2- T3- T4- R-20
23	Ballarpur M. Council	B	89995	30.0	S. No.222/1, Mauza Ballarpur, Dist- Chandrapur	Dumping	T1- T2- T3- T4- R-15
24	Rajura M. Council	C	25,843	5.0	S. No. 149/1, Mauza Rajura, Dist- Chandrapur	Dumping	T1- T2- T3- T4- R-07
25	Mul M. Council	C	22330	6.0	S. No. 292, Mauza Antargaon, Paradwahi, Tal-Mul, Dist-Chandrapur	Dumping	T1-02 T2- T3- T4-02 R-09
26	Bramhapuri M. Council	C	31,200	9.0	Gat No. 406, Mauza Bondgaon, Tal- Bramhapuri, Dist- Chandrapur	Dumping	T1-05 T2- T3- T4- R-11
27	Bhadrawati M. Council.	B	56,679	15.0	S. No. 10/1, Mauza Kesuli & S. No. 616, Mauza Vijasan, Tal- Bhadarwati, Dist- Chandrapur	Dumping	T1- T2- T3- T4-02 R-09
28	Warora M. Council	B	41,971	11.0	S. No. 266, Mauza Warora, Wani Road, Dist- Chandrapur	Dumping	T1-35 T2-3 T3- T4-1

							R-08
29	Gadchiroli M. Council	B	42,462	13.0	S. No. 620 & 621, Kharpundi road, Gadchiroli.	Partly Composting	T1-50 T2-03 T3-30 T4-02 R-60
30	Wadsa M. Council	C	28,000	7.0	S. No.253, Mauza Nanipur, Tal- Wadsa	Partly Composting	T1- T2- T3- T4- R-13
31	Hinganghat M. Council	B	78,715	18.0	S. No. 258, Mauza Nandgaon, Tal- Hinganghat	Dumping	T1- T2- T3- T4- R-15
<b>NASHIK REGION</b>							
01	Nashik M. Corporation.	Corp	10,77,236	340.0	Sr. No. 278, Pathardi Shivar, Nashik	Composting	T1-36 T2-120 T3- T4-5 R-
02	Yeola M. Council	B	50,000	15.0	Sr. No. 19/2, Vadgaon Balhe Village, Tal- Yewala	Partly composting & Vermi Composting	T1- T2-3 T3- T4- R- 40
03	Nandgaon M. Council	C	23193	6.0	Sr. No. 10 Girananagar, Nandagaon	Partly Composting	T1-5 T2-1 T3- T4- R- 1
04	Sinnar M. Council	C	31,728	25.0	Sr. No, 182(174) Vijaynagar, Sinner	Dumping	T1- T2-5 T3-4 T4- R- 103
05	Manmad M. Council	B	72,412	20.0	Sr. No. 139/1/1A, Dahegaonshivar, Malegaon, Road, Manmad	Dumping	T1-8 T2- T3-3 T4-1 R- 132
06	Bhagur M. Council	C	12,457	2.0	Sr. No. 74/B, Bhagaur Revenue Area Vijaynagar Devalalicamp	Partly Vermi Composting	T1- T2-2 T3-2 T4- R-2
07	Satana M. Council	C	32,561	11.0	Sr. No. 176/2, Chougan Bardi Compost, Dept. Satana	Dumping	T1- T2- T3-2 T4-1 R- 8
08	Malegaon M. Corporation	Corp	5,73,711	125.0	Sr. No, 33/4, 116 Maldeshivar, Malegaon	Partly composting & Vermi Composting	T1-23 T2-15 T3- T4-6 R-12
09	Trimbakeshwar M. Council	C	9,804	3.0	G. N. 1307, Trimbakeshwar	Dumping	T1- T2-2

							T3-2 T4-2 R-12
10	Igatpuri M. Council	C	31,539	6.0	Sr. No. 37, Awankhed, Igatpuri	Dumping	T1- T2-3 T3-2 T4- R-50
11	Ahmednagar M. Corporation	Corp	3,07,455	106.0	Sr. No. 34, Burudgaon, A'nagar	Partly composting & Vermi Composting	T1-121 T2-1 T3- T4-7 R- 297
12	Kopargaon M. Council	B	59,966	16.0	Sr. No. 200/1,2,3,4, Sanvatsar	Partly Composting	T1- T2 T3-3 T4- R- 3
13	Pathardi M. Council.	C	22857	2.0	Sr. No. 496/1 & 14/2	Dumping	T1-1 T2-1 T3- T4-1 R- 32
14	Rahuri M. Council	C	34476	6.0	Sr. No. 234/1, Monlm Aakhada raod, Rahuri	Partly Vermi Composting	T1-02 T2-2 T3-2 T4- 76 R- 10
15	Rahata. M. Council	C	19019	2.5	Sr. No. 341 & 48 Rahata	Partly Composting	T1- T2-1 T3-1 T4- R- 80
16	Devalali Pravara M. Council	C	30340	0.5	Gat no. 1239, Near Kaniphnath Mandir	Dumping	T1- T2 T3-15 T4-1 R- 100
17	Shirdi Nagar Panchyat	NP	26,184	8.0	Sr. No. 26, Shirdi	Dumping	T1-6 T2-4 T3-1 T4- R- 1
18	Sangamner M. Council	B	61,958	20.0	Sr. No. 72,73 Proposed SR. No. 209, Vill- Pargaon	Composting	T1-9 T2-1 T3-1 T4-2 R- 124
19	Shrigondha M. Council	C	26,324	2.0	Gat No. 1629, Salwandeve road, Shrigonda	Dumping	T1- T2-1 T3-1 T4- R- 57
20	Shrirampur M. Council	B	81,255	45.0	Sr. No. 25, Shivaji road, Shrirampur	Partly composting	T1- T2-7 T3- T4-5 R- 300
21	Jalgaon M. Corporation.	Corp	368365	110.0	Gat No. 864, Awahaneshwar, Sr.	Composting	T1- T2-19

					No. 524 & 525 Kankai Road, behind Shivaji Nagar, Jalgaon		T3-T4-6 R-09
22	Bhusawal M. Council	A	1,72,366	51.0	Gat No. 188, Nhusawal, Tal-Bhusawal.	Dumping	T1-18 T2-6 T3-T4-1 R-85
23	Pachora M. Council	B	50,000	10.0	Sr. No. 104, Pungaon road, Pachora	Dumping	T1-T2-2 T3-T4-R-2
24	Erandol M. Council	C	30120	6.0	Gat no. 357,358 & 359, Erandol	Dumping	T1-T2-1 T3-T4-R-11
25	Parola M. Council	C	34800	8.0	Gat No. 54,24,25&26, Parola	Dumping	T1-3 T2-2 T3-T4-R-10
26	Amalner M. Council	B	91,490	26.0	Gat No. 305, Amalner	Dumping	T1-33 T2-5 T3-T4-R-13
27	Chalisgaon M. Council.	B	91,110	30.0	S. No. 11/2, Chalisgaon	Dumping	T1-T2 T3-47 T4-2 R-13
28	Savda M. Council	C	19,331	4.0	At- Savada, Tal-Raver	Dumping	T1-1 T2-2 T3-T4-R-37
29	Raver M. Council	C	25,993	3.0	Gat No. 602/1, Tal-Raver, Shivar	Dumping	T1-T2-3 T3-T4-R-11
30	Faizpur M. Council	C	23,690	7.0	Gat No. 40, S. No. 17, A/p- Faizapur, Tal-Yawal.	Partly Composting	T1-T2-2 T3-T4-R-14
31	Yawal M. Council	C	31,803	9.0	Gat No. 1234, 35 Yawal	Partly Composting	T1-2 T2-2 T3-T4-R-15
32	Chopada M. Council	B	70,000	18.0	S.No. 229, 231, Chopada	Dumping	T1-3 T2-2 T3-T4-1 R-10
33	Dharangaon M. Council	C	33618	8.0	Gat No. 351, 352 Pasatane Road,	Dumping	T1-05 T2-



					Dharangaon		T3-0 T4-07 R- 15
34	Jamner M. Council	C	36,386	10.0	Gat No. 49/1, Pahadi Baba, Jamner.	Dumping	T1-6 T2-2 T3- T4-2 R-02
35	Dhule M. Corporation.	Corp	3,41,642	80.0	At- Warkhedi Rd, S. No. 61/62, Dhule	Partly Vermi Composting	T1-407 T2-1 T3- T4-8 R-167
36	Dondaicha M. Council	B	42,436	12.0	G. No. 19, Rami Shivar, Dondaicha, Tal- Shindkheda, Dist- Dhule	Dumping	T1-9 T2-4 T3- T4-4 R-
37	Shirpur M. Council	B	61,694	20.0	S. No. 255/1,2,3, At- Shirpur	Partly Composting Partly & Composting	T1-5 T2-1 T3-1 T4-4 R-62
38	Nandurbar M. Council	B	94,350	40.0	S.T. No. 133 & 134, Dudhale shivar, Nandurbar, Dist- Nandurbar	Dumping	T1-11 T2-3 T3-0 T4-4 R-12
39	Navapur M. Council	C	34000	7.0	Gat No. 156, A/p- Navapur, Dist- Nandurbar	Composting	T1- T2-1 T3-3 T4-1 R- 30
40	Shahada M. Council	B	31890	10.0	Sr. No. 144/A & 144/B, At- Kukdel Shivar, Tal- Shahada	Dumping	T1- T2-1 T3- T4-1 R- 40
41	Taloda M. Council	C	25,034	6.0	Sr. No. 59/60, Chinoda Shivar, Tal- Taloda, Dist- Nandurbar	Composting & Vermi composting.	T1-1 T2-2 T3-2 T4- R-
42	Deolali Cantonment Board	CB	50,000	8.0	-----	Dumping	T1- T2- T3-3 T4-4 R-
43	Bhingar Cantonment Board	CB	39,941	5.0	R. S. No. 13, Darewadi, Dist: Ahmednagar	Dumping	T1- T2- T3- T4- R-
<b>NAVI MUMBAI REGION</b>							
01	Navi Mumbai M. Corporation.	Corp.	8,50,000	500.0	TTC area, Turbhe	Partly Composting	T1- T2- T3- T4- R- 680

02	Uran M. Council	C	25,000	8.0	1) S. No. 142 A, & B, Vill- Bori, Pakhadi, Uran. 2) S. No. 180A Bori Pakhadi, Uran. 3) S. No. 135, 136 & 137, Uran	Dumping	T1-5 T2-2 T3-5 T4-1 R- 92
<b>PUNE REGION</b>							
01	Baramati M. Council	B	51,342	16.0	Gat No. Malegaon (Kh), Baramati.	Dumping	T1- T2- T3- T4-05 R-15
02	Indapur M. Council	C	25,000	3.0	Gat No. 161-166, Indpaur.	Partly composting	T1- T2 T3- T4-02 R-15
03	Bhor M. Council	C	17,882	4.0	S. No. 106, Maila Depo, Bhor.	Partly composting	T1-03 T2 T3- T4-01 R-13
04	Daund M. Council	B	41,907	7.0	S. No. 378/8, Daund	Partly composting	T1-05 T2 T3-0 T4-01 R-12
05	Jejuri M. Council	C	12,000	4.0	Gat No. 161 to 166, Jejuri, Tal- Purandar.	Partly composting	T1-05 T2-1 T3- T4- R-6
06	Saswad M. Council	C	26,689	4.0	S. No. 88, Saswad, Tal- Purandar	Partly composting	T1- T2 T3- T4-02 R-10
07	Pune M. Corporation	Corp	30,00,000	750.0	S. N. 181 to 195 Fursangi, S. N. 31, 32 Dewachi Uruli.	Partly composting	T1-150 T2- T3-900 T4-57 R-
08	Dehu Road Cantonment Board	CB	46,921	5.0	Sitalangar West of New Mumbai-Pune Road, Mamuri Dehu Rd, Pune.	Dumping	T1- T2 T3- T4-3 R- 75
09	Kirkee Cantonment Board	CB	90,000	5.0	Kasarwadi behind dai Ichi Co.	Vermi composting	T1- T2 T3- T4-9 R-
10	Pune Cantonment Board	CB	80,191	30.0	S. N. 120, 298, Hadpasar Indl. Estate, Pune	Vermi composting	T1- T2 T3- T4-02 R-10

11	Junnar M. Council	C	24,760	6.0	Gut No. 54, Agar Kacharra Deport, Junnar Dist- Pune.	Vermi composting	T1- T2-1 T3-1 T4-4 R- 40
12	Pimpri Chinchwad M. Council	Corp.	11,85,467	440.0	Existing At- Moshi Village, Gat No. 460, 461/500, Proposed Punawala Village- Pune.	vermi Composting	T1- T2- T3- T4-63 R- 739
13	Satara M. Council	A	1,08,043	21.0	Songaon, Satara.	Dumping	T1- T2-02 T3- T4-02 R-25
14	Karad M. Council	B	56,819	12.5	1] Shaniwar Peth 2] Somwar Peth	Dumping	T1- T2-3 T3-3 T4- R- 47
15	Wai M. Council	C	31,090	9.0	S. N. 263, near to MIDC, Wai.	Dumping	T1- T2 T3-01 T4-01 R-11
16	Mahabaleshwar M. Council	C	12,736	3.5	S. No. 94/95, Karva Aala, Birwandi, Gramkshetra.	Dumping	T1- T2 T3-01 T4-03 R-20
17	Panchgani M. Council	C	13,280	3.0	Sydney point ,Panchagani.	Dumping	T1- T2-01 T3- T4-01 R-20
18	Rahimatpur M. Council	C	16,539	1.0	Rokateshwar Society, Rahimatpur	Dumping	T1- T2 T3- T4- R-15
19	Phaltan M. Council	B	50,798	10.0	S. N. 129/130, Phaltan	Dumping	T1- T2 T3- T4-01 R-10
20	Mhasawad M. Council	C	20,494	2.5	S. No. 836, Mhaswad.	Dumping	T1- T2 T3- T4-03 R-20
21	Solapur M. Corporation	Corp	929000	300.0	1) G. N. 61, 62, 63 Bhogaon. 2) S. N. 68 At Tuljapur road.	Partly composting	T1-7 T2-02 T3-01 T4- R- 115
22	Barshi M. Council	A	1,04,786	41.0	Gat no. 1217, 1218, 1219, Pimpalgaon Road, Barshi, Solapur	Composting	T1- T2- T3- T4-3 R- 140

23	Akkalkot M. Council	C	33295	6.0	Gat No. 18, Akkalkot, Solapur	Partly Composting	T1-3 T2-3 T3- T4- R- 100
24	Kurduwadi M. Council	C	28227	2.5	Gat No. 499Kurduwadi	Partly Composting	T1-01 T2-2 T3- T4- R- 18
25	Karmala M. Council	C	22670	4.0	Gat No. 107/1/2At Karmala	Partly Composting	T1- T2-1 T3- T4- R- 15
26	Shirur M. Council	C	26999	3.0	Bypass Pune-Nagar road, Near, Pharmacia College	Dumping	T1- T2-01 T3-2 T4- R-31
27	Talegaon Dabhade M. Council	B	40344	10.0	Borkhal/ Khalwadi.	Vermi Composting	T1- T2- T3-4 T4- R-25
28	Alandi M. Council	C	17564	5.0	Vishrantwadi	Dumping	T1- T2-01 T3- T4- R-15
29	Dudhani M. Council	C	13890	0.5	Gat No. 357, Dudhani	Partly Composting	T1- T2- T3-4 T4- R-35
30	Maindargi M. Council	C	12483	1.5	G. N. 7 Maindargi	Partly Composting	T1-01 T2- T3-2 T4- R-20
31	Mangalwedha M. Council	C	24853	4.0	G. N. 3 Mangalwedha	Partly Composting	T1- T2- T3-01 T4- R-15
32	Pandharpur M. Council	B	91,318	40.0	Gat No. 100, Kasegaon, Pandharpur.	Partly Composting	T1-1 T2- T3- T4-7 R- 39
33	Lonavala M. Council	B	55650	0.5	Sr. N. 265, Varsoli	Dumping	T1- T2-02 T3- T4- R-42
34	Sangola M. Council	C	29,640	2.0	Gat No. 127, Sangloa, Solapur	Partly Composting	T1-17 T2-2 T3- T4- R- 67

<b>RAIGAD REGION</b>							
01	Khopoli M. Council	B	58,657	20.0	Village- Mil, Khopoli	Composting	T1-4 T2-3 T3-02 T4-02 R-112
02	Panvel M. Council	A	1,04,031	22.0	Village- Karangale and Vill: Chal landfill being developed by CIDCO.	Partly composting	T1-03 T2 T3- T4-05 R-60
03	Matheran M. Council	C	5,139	5.0	Plot No. 114, S. No. 102, S-2/3	Bio Methanation plant	T1-10 T2 T3- T4- R-105
04	Roha M. Council	C	19,081	6.0	1. D.P. No. 51,54 S. N. 2, 55, 56, 57, 58, Bhuwanshwari	Dumping	T1-03 T2-03 T3- T4- R-03
05	Karjat M. Council	C	25,531	12.0	1) Vill- Dahiwale, Tal- Karjat 2) S. No.60, Tal- Karjat	Dumping	T1- T2-2 T3-03 T4-01 R-46
06	Murud Janjira M. Council	C	12,551	5.0	S. No.19, Hissa No. 4 & S. No. 20, Hissa No. 1, at Telwade, Tal- Murud.	Demo Project with financial assistance of MPCB for composting	T1-13 T2-2 T3-1 T4-02 R-03
07	Mahad M. Council	C	24,276	7.0	Ladiwali, Mahad.	Dumping	T1- T2-01 T3-01 T4-03 R-124
08	Shriwardhan M. Council	C	15,187	1.0	S. No, 261, Walvati Vill. Road	Dumping	T1-05 T2-01 T3-01 T4- R-20
09	Pen M. Council	C	30,201	12.0	S. No. 156, Hissa No. 105, Ambeghar, Tal- Pen	Dumping	T1- T2-6 T3-1 T4-02 R-10
10	Alibag M. Council	C	25000	5.0	Vill- Badane, Tal- Alibag	Dumping	T1- T2- T3-02 T4-05 R-10
11	CIDCO, Ltd, Navi Mumbai.	--	1,50,000	15.0	Vill- Chal, Near Taloja, MIDC, Taloja	Dumping	T1- T2- T3-06 T4-02 R- 10
<b>THANE REGION</b>							
1	Thane M.	Corp	14,00,000	600.0	Mouje Diaghar, Tal &	Partly Bio	T1-44

	Corporation				Dist- Thane	Methanation	T2- T3-90 T4-55 R-40
2	Mira- Bhayander M. Corporation	Corp	8,50,000	450.0	S. No. 65, Vill Pali & at S. No.25, Uttan, Bhayander, Dist- Thane	Composting	T1- T2-05 T3- T4-04 R-20
3	Vasai M. Council	B	49,346	70 .0	Common site at Site S. No. 30 A, 31 & 32, Vill- Gokhiware, Vasai (E), Dist-Thane	Dumping	T1- T2-02 T3- T4-01 R-45
4	Nallasopara M. Council	A	1,85,0 00	40.0			
5	Navghar Manikpur M. Council	A	1,16,723	55.0			
6	Virar M. Council	A	1,18,945	25.0		Dumping	T1- T2-02 T3- T4- R-10
7	Palghar M. Council	B	52,699	15.0	S.No. 67, Khare Khuran Road, Vill. Temburli, Tal. Palghar	Composting	T1-01 T2- T3-01 T4-01 R-05
8	Jawahar M. Council	C	12296	1.0	S.No. 381, Jawahar	Dumping	T1- T2-01 T3- T4- R-07
9	Dahanu M. Council	B	44,401	15.0	G. No. 52(1), Vill: Kankardi, Tal: Dahanu.	Partly Composting	T1-30 T2-1 T3-2 T4- R- 36

### Abbreviations:

T1- Tricycle  
 T2- Trailor/Tractor  
 T3- Trolly/Container  
 T4- Truck/Tipper/Dumper placer  
 R - RCC Bins/Ghantagadi

***A summery statement on progress made by Authorities in respect of implementation of schedule –II [Rule 6 (1) & (3), 7 (1)]***

Maharashtra is one of the urbanized states in the country. The state is having total 252 Nos. of ULB's. Urban Development Department, Government of Maharashtra has decided that Local body shall be utilized 56.5% of total granted fund in the 12<sup>th</sup> Finance Commission for effective implementation of Municipal Solid Waste (Management & Handling) Rules, 2000. On that basis, most of ULBs have submitted project report for management of Municipal Solid Waste.

The Bio-medical waste and industrial hazardous waste generated in the area of local bodies are not mixed with MSW and such waste are disposed off separately in accordance with provisions made under BMW (Management & Handling) Rules, 1998 and Hazardous waste (Management & Handling) Rules, 1989 . For the disposal of Hazardous waste, common Hazardous waste treatment & disposal facility have been developed in the State at four locations One at TTC area 2<sup>nd</sup> at Taloja at 3<sup>rd</sup> at Pune and 4<sup>th</sup> at Nagpur. Similarly for the disposal of the Bio-medical waste, Common Bio-medical waste treatment facilities have been provided at 36 different places by private operator agencies in the Maharashtra State.

**1. Collection of Municipal Solid Waste:**

Generally in all Municipal area littering of MSW have been prohibited. The local bodies at several places have organized collection of MSW by house to house collection, by using Ghanta gaddies, collection bins. The waste from slaughter houses, meat & fish markets, fruit & vegetable market, which are biodegradable in nature, are disposed by composting or vermi-composting.

**2. Segregation of Municipal Solid Waste:**

The segregation of MSW generally carried out by the mode of source segregation or in the transportation vehicle itself by the workers or in some cases, at waste disposal processing facility by ragpickars. The recyclable waste finds its route for recovery/recycling. The inert material, construction debris are being disposed by land filling/leveling.

**3. Storage of Municipal Solid Waste:**

The storage facility provided by ULBs in the form of RCC Bins, plastic bins, plastic bins and containers. In some ULBs house to house collection is carried out & the collected waste is directly taken to dump site.

**4. Transportation of Municipal Solid Wastes:**

Transportation of waste carried by vehicles. Mostly the tarpaulin cover is put on the waste while transporting and in some cases the vehicle are closed or pneumatic compactors are used in few corporation areas.

### **5. Processing of Municipal Solid Wastes:**

Municipal authorities to select technologies so as to minimizing burden on landfill. The biodegradable waste processed by composting, vermi composting, anaerobic digestion, etc. as is listed earlier may ULBs have provided processing facilities to part of MSW generated.

### **6. Disposal of Municipal Solid Wastes:**

Selectable landfill facilities have been provided by very few ULBs. Only two corporations and four council have provided landfill facilities for disposal. However others are in the process of setting up of such facilities.

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***Summery statement or progress made by Municipal Authorities in respect of implementation of schedule-III [Rules 6(1) & (3), 7(2)]***

The main constraint for the effective implementation of MSW Rules & setting up of waste processing facility for local bodies is non-availability of suitable land. Considering the constraint, the Urban Development Deptt, Govt has passed order regarding formation of District level committee in every District under the Chairmanship of District Collector. The main object of district level committee is to identify & select of waste processing and landfill sites. The Committee comprises of 11 members of various concerned department. The District level committee while identifying the suitable location for landfill and waste processing site, a care is taken that the site should be away from habitation clusters, forest, water bodies, monuments, wet lands and places of important cultural, historical and religious aspect including CRZ areas. MPCB letter no. WP/B-4746 dt. 05.08.2003 has indicated distance criteria for selecting such sites. Board has issued letter to all concerned Regional Officer's to follow up this criteria while selecting/recommending the sites.

In the Maharashtra State, all sites have been so far finalized 252 Numbers of MSW landfill/ waste processing sites. The major difficulties in identifications of these sites are coastal regulation zone, state river regulation zone policy for siting of industries /processing plants, nearness to water bodies, availability of sufficient land fulfilling distance criteria opposition of local people, etc.

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**Guidelines issued by MPCB for identification of processing and landfill site Checklist (1 to 6)**

1. Location Plan, Site Plan, Distance from habitation, river, water bodies.
2. Permission/views express by the District Collector about proposed site from Town planning Authority, GSDA, Airport Authority (In case applicable).
3. Distance from water bodies/Forest land/national Park/Wet land/Historical places/ Habitation/Monuments etc.
4. Quantum of Generation of organic and inorganic MSW.
5. Technology details/Project details:
  - I. Environment related information as required under the rules.
  - II. Proposed Methodology of waste processing.
6. S. R. O. /R. O. to give NOC/Site Clearance letter to Municipal Council/Corporation for setting up MSW facilities based on the decision taken by Committee appointed by District Collector for the District.

**Site Selection Criteria (7 to 9)**

7. No Development Zone distance to be kept 500 mtrs. from the boundary of the landfill site.
8. Capacity of site should be preferably 20-25 years.
9. The distance from human habitation of the site should be about 500 mtrs.

**Site Selection Criteria for landfill and processing site for MSW (10 to 16)**

10. The distance from river (HFL) will be as per RRZ policy i. e. is under.
  - I. A-I Above 3.0 kms.
  - II. A-II Above 1.0 Kms.
  - III. A-III Above 0.5 Kms.

(Detail about RRZ is enclosed.)

11. Distance from other Water bodies (other than notified rivers) beyond 500 mtrs avoiding up stream catchments areas of the water bodies, location should preferably at the down stream of the water body.

12. The distance from National monuments and historic places etc. as mentioned in the rules, duly certified by Archeological Department should be beyond 500 mtrs.
13. A buffer zone- it should be 500 mtrs from the periphery of new landfill site.
14. The distance from National and state highway should be more than 200 mtrs.
15. In respect of CRZ, RRZ rules will be followed strictly.
16. Old queries and low lying areas within a city may be earmarked for filling only with construction waste, debris, road dust, sift from open drains and similar non-toxic inert material only.

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***A SUMMARY STATEMENT ON PROGRESS MADE BY MUNICIPAL AUTHORITIES IN RESPECT OF IMPLEMENTATION OF SCHEDULE- IV [RULES 6(1) & 3, 7 (2)]***

Out of 252 ULBs in the State of Maharashtra, most of the local bodies are treating their solid waste by composting to part of waste & rest goes for dumping. Nashik, Kolhapur and Mira Bhayander are treating waste for overall generated capacity. Thane, Mumbai, Pune, Pimpri-Chinchwad, Aurangabad Municipal Corporation has submitted proposal for treatment of Municipal Solid Waste to be produced in near future.

MPC Board has carried out Ambient Air Quality Monitoring in the vicinity of waste processing facility and ground water monitoring at few facilities. Only few, i. e. Nashik and Navi Mumbai M. Corporation have carried out monitoring.

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**Initiative taken/proposed by the MPC Board:**

- The Board in consultation with AILSG have prepared check list for identification of processing sites to facilitate the implementation of Rules.
- To speed up the process of grant of Authorization, MPC Board has delegated the power to respective Regional Officer's for grant of Authorization in respect of 'B' & 'C' class ULBs.
- For effective implementation and compliance of these Rules, Board has sought letter to Principal Secretary Urban Development Department, Mumbai requesting to personally look into the matter for compliance.
- The Board has extended financial assistance to five local bodies for setting up model/demo MSW projects
  - viz. 1. Ambad Municipal Council
  - 2. Murud-Janjira Municipal Council
  - 3. Navapur Municipal Council
  - 4. Sonpeth Municipal Council
  - 5. Baramati Municipal Council

Now the Sonpeth Municipal Council, Ambad Municipal Council, Navapur Municipal Council & Murud-Janjira Municipal Council are working satisfactory, they are producing compost from the project.

Baramati Municipal Council has obtained land for developing facility for demo MSW projects and they are in process to start the work.

In addition to this Board has decided to extent financial & technical assistance to Jalna M. Council for MSW TSDF facility in Jalna and also board has released financial grant to the Latur M. Council under 'Latur Environment Action Plan' for the establishment of secured landfill (SLF) facility & for one lakh tree plantation in the city for environment improvement.

- The Board has conducted with ULBs to create awareness of MSW management. Also took part, supported financially to arrange workshop/seminars in this field & made presentation.
- Continuous and strict follow up taken by MPCB has resulted in establishment of such large number of Municipal Solid Waste facilities may be to part of the Municipal Solid waste. This will be further extended to their complete municipal waste generated.
- Aurangabad Municipal Corporation has appointed MPC Board to act as Project Management Consultant for helping and guiding them to selecting the technology & the facility producer for management of Municipal Solid waste in their Corporation area. Accordingly, MPC Board has completed the tendering process and submitted report to select as a L1 bidder.

- Board decision made for financial assistance under 'Environment Improvement of religious places' to the religious places for installation of MSW plant scientifically treatment and facility, i.e. Shegaon, Shani-Shingnapur, Dehu, Alandi, Shirdi, Pandharpur, etc. Accordingly, vermi composting plant at Shani-Shingnapur completed and inaugurated by Board which is working satisfactorily.
- Board has issued notices to local bodies for proper management of Municipal Solid Waste.
- Board has refused authorisation of M/s. Mahabaleshwar and Pachgani Municipal Council.

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### **Constraints/difficulties in Implementation:**

- Non availability of suitable land for handing over to concerned local bodies that are not having their own land.
- Provision in the rules for siting criteria (Schedule-II).
- Not in my back yard tendency.
- Community unwillingness.
- Negligible attitude of local bodies.
- The local bodies in coastal area are facing the difficulties in identification of suitable land due to CRZ notifications.
- The locational policy of State Government in respect of notified Rivers (RRZ Policy) doesn't allow for sitting of such type of activity
- Selection of proper waste processing technology with respect to waste generation including waste to energy plants.
- Non availability of sufficient funds/technical staff with local bodies.
- Lack of public awareness/participation.
- Lack of manpower with MPC Board for proper and effective implementation & monitoring of MSW (M&H) Rules, 2000.

### **Suggestions:**

- From expert group to select technology suitable to different group of ULB's.
- From expert group to redefine to site selection criteria considering advance technology and need for decentralize treatment plant.
- To decide policy on creating regional landfill sites, also we enforce fine against the defaulting stakeholders.
- Ensuring speedy implementation of MSW Rules and notification issued by UDD, GoM, dt. 26.10.2006.
- No grant shall be released to the ULB's if no provision in the plan for MSW management and no progress.
- May think of one creating authority like MJP (Maharashtra Jeevan Pradhikaran) for selecting, providing and operating TSDF by himself or on BOOT basis.
- Speedy identification and handing over landfill and waste processing sites by State Government to concerned local bodies particularly in the coastal region.
- Low cost standard models shall be made available for 'B' & 'C' class Councils.
- Provision of adequate funds to ULB & MPCB for effective implementation of MSW Rules, 2000.
- Requisition of additional manpower to MPCB for environmental monitoring in respect of AAQM & ground water monitoring in the vicinity of waste processing sites.
- The schedule-I prescribed in MSW Rules be amended for new time schedule, since the most of the local bodies have failed to adhere the implementation schedule due to above mentioned difficulties.

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**Photos of Demonstration Project**  
**AMBAD**



**CONVEYOR BELT AND WHEEL BARROW**





## **INSTALLATION OF VESSELS**



## **INTERNAL ROAD AND OVERVIEW OF SITE**



## **PROCESS SHED**



## **SHREDDER**





## VESSEL TOP



## READY MANURE



## **NAVAPUR**



## **PROCESSING SHED**





## INSTALLATION OF VESSEL



## SONPETH



## OVERVIEW OF SITE





## SHREDDING OF WASTE



## WASTE IN VESSEL

