11/3/12

IN THE HON'BLE NATIONAL GREEN TRIBUNAL PRINCIPAL BENCH, NEW DELHI

ORIGINAL APPLICATION NO. 199 OF 2014

IN THE MATTER OF:

ALMITRA H. PATEL & ANR. APPLICANTS

VERSUS

UNION OF INDIA & ORS...... RESPONDENTS

AFFIDAVIT ON BEHALF OF RESPONDENT - DEPARTMENT OF URBAN DEVELOPMENT, STATE OF MAHARASHTRA

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SHIBAM GHOSH ADVOCATE

ON BEHALF OF STATE OF MAHARASHTRA, URBAN DEVELOPMENT DEPARTMENT (RESPONDENT)

C-202, SECTOR-26, NOIDA 201301

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NEW DELHI 11 March 2015



PRINCIPAL BENCH, NEW DELHI

Original Application No.199 of 2014 *

Almitra H. Patel and others

V/s

Union of India and others

Affidavit on behalf of Respondent Urban Development Department, State Of Maharashtra

I, Smt. Seema P. Dhamdhere, Age 57 years, Joint Secretary, Urban Development Department, Government of Maharashtra having my office at Mantralaya, Mumbai 400032, do hereby state on solemn affirmation that I have been authorised to file this affidavit before this Hon'ble Tribunal in the aforesaid matter in pursuance to the orders passed by this Hon'ble Tribunal on dated 5th February, 2015.



2. I say &submit that I am filing this affidavit on behalf of the Urban Development Department Govt. of Maharashtra pursuant to the orders of this Hon'ble Tribunal dated 3rd November,2014, dated 22nd December, 2014, dated 15th January, 2015, and dated 5th February, 2015. I crave leave to reserve my right to amend this Affidavit and file additional Affidavit, if so required.

3. I say and submit that in pursuance with order dated 25th November, 2014 of this Hon'ble Tribunal in the case of Capt. Mall Singh and &others V/s Punjab PCB & others in appeal No. 70 of 2012 series of meetings were held by the Secretary, Urban Development Department along with concerned officials of the ULBs and The Maharashtra Pollution Control Board. It was further decided to urgently depute a team of Government officials from the Urban Local Bodies (ULBs) and State Pollution Control Board (PCB) to visit and study the Municipal Solid Waste (MSW) management of Municipal Corporation of Bhatinda. Accordingly the team has visited Bhatinda Municipal Corporation and made the following recommendations.

(a) Cluster development of MSW management facility should be encouraged wherever the common site for cluster MSW management is geographically and economically feasible with technology selection, within particular district / Zilla Parishad mofosil area.

(b) In the case of Corporations and 'A' class Municipal Councils on account of scattered area for collection of MSW, unless both the Corporations / Councils on the basis of geographical distances agree by passing resolution in the General Body meeting, the aforesaid "Cluster Management approach" cannot be made mandatory.

(c) In case of joint / Common Municipal Solid Waste Management environment clearance will be required as per Environment Impact Assessment Notification, 2006. Therefore in such cases, SEAC and



SEIAA could be requested to expedite grant of clearances and public hearings would be required to be completed in a time bound manner.

- (d) Adopt cluster MSW management for mofosil area of B / C class municipal councils, as cluster approach for MSW management is could be most beneficial model economically, as these local bodies do not have capacity to develop independent MSW management.
- 4. I say and submit that in accordance with the directions of this Hon. Court, and the recommendations received from the officials who had visited the Bhatinda Model, this respondent will be undertaking the following urgent measures for implementation of the directives of the Hon. Tribunal.:
 - a) On the basis of the status of the ULBs with regard to Municipal Solid Waste the State has prepared a tentative list of cluster approach, the list of tentative proposed clusters and a map showing this tentative proposed cluster is annexed hereto for adopting the cluster methodology. However this would further require consultative viability study and approval of the state Government. The list of cluster and map is enclosed and collectively marked as *Annexure-I*. I say that the suggestions made by the Central Pollution Control Board (CPCB) in its draft "Action plan for management of Municipal Solid Waste" will be taken into consideration while forming the clusters.
 - b) The State is in the process of appointing a consultant for the process of identifying clusters, methodology, capacity buildings of ULBs, tendering etc.
 - Amendments to the existing ULB Acts and Rules:- Necessary amendments will be made to the existing Acts / Rules so as to empower the ULBs for the implementation of MSW Rules.
 - d) Conversions of Central and State schemes:- Efforts will be made to best utilise funding under various schemes of Central/State Govt. eg. Swachha



Bharat Mission, 13th Finance Commissions and alike, to undertake projects under SWM.

- e) Awareness Programmes:- Will be taken up for Sensitization and intensify people's participation.
- f) Encouragement to private sectors:- Public Private Partnership (PPP) projects are being encouraged.
- g) Considering the scale and magnitude of the Municipal Solid Waste Management issue, it would require time to formulate new policies, take formal approval from the State Government, preparedness down the line, capacity building, procurement of resources etc. However it is submitted that the processes are being expedited.
- h) This Respondent is already in the process of drafting a 'State Action Plan' for MSW which would further advice local bodies for setting up individual combined waste processing / disposal facilities on Regional / cluster based approach as per requirement.
- i) Further each ULB will be drafting 'City Action Plan for Management of MSW' which would meet the provisions of the Municipal Solid Waste (Management and Handling) Rules, 2000 and would also include the suggestions of the CPCB's National Action Plan for Management of MSW.
- j) I further say and submit that this Respondent is also in the process of appointing a 'Nodal Agency' which would assist in drafting the State Action Plan for management of MSW. The Ministry of Urban Development, Government of India has empanelled experts for guiding the ULBs for preparing their MSW Plan.
- 5. I further say & submit that this respondent has examined the draft "National Action Plan for Management of MSW" prepared by the CPCB. It is submitted that suggestions made in the said draft have already been considered



for implementation. Further the suggestions of the CPCB will also be considered while drafting the State as well as the city Action Plans.

- 6. I say and submit that in accordance with the directives of this Hon'ble Tribunal, Status Report of all the ULBs for the MSW sector is enclosed herewith and marked as <u>Annexure-II</u>. It is submitted that the ULBs are regularly required to provide funds for the MSW Management in the ULB Budget.
- 7. I further say & submit that the Status Report of Management of MSW in the ULBs shows, that efforts are being made to convert the MSW which is collected into an environment friendly beneficial end product a few ULBs have developed Vermiculture Centers, & the fertilizer / manure thus derived is being utilized in the ULBs area; a few ULBs have started the waste to energy plants also.
- 8. Further it is submitted that in the light of the orders of this Hon'ble Tribunal dated 05/02/2015 a comprehensive review of the status of SWM of the ULBs in the State was taken. The status reveals that although certain best practices do exist in some ULBs it is humbly submitted that the effective implementation of the Municipal Solid Waste (Management and Handling) Rules, 2000 in its entirety throughout the State is hampered due to the following restraints:
 - a) Severe land restraint.
 - b) Opposition from citizens for dumping of waste.
 - c) Lack of appropriate technology.
 - d) Paucity of funds
 - e) Inert attitude of citizens regarding segregation (Dry and Wet).
- 9. The best practices observed in few ULBs in the State in the implementation of the management of the Municipal Solid Waste (Management and Handling) Rules, 2000 submitted below for kind perusal:



(2)

(A) Kalyan Dombivli Municipal Corporation (KDMC):

KDMC Spread over 67 sqkms, with 12.46 lakh population, KDMC generates 550 metric tons of garbage daily. KDMC has launched a Mobile App which can be used by citizens to identify garbage, click its real time picture and post the same. The KDMC officials have promised that they will clean up the reported site within 24 hours. Once citizens post real time pictures of the garbage, the location and the time at which the picture has been taken gets recorded. The system administrator of this app notes the same and forwards it to the Sanitary Inspectors, who coordinate and carry out the cleanup immediately. The report of the same is posted on the app as a feedback mechanism.

(B) Chiplun Municipal Council, Dist. Ratnagiri:

Chiplun became the first Dustbin Free Town in Maharashtra. It was accomplished by removing all dustbins in the town area. Collection of segregated waste at stipulated time, control over plastic waste, empowering rag pickers, separate processing of biomedical waste has also been achieved. The council has started *Nisargrun* Biogas Electricity Project in 2010 of 5 tonne capacity.

(C) Dapoli Nagar Panchayat, Dist. Ratnagiri.

Dapoli Nagar Panchayat is successfully running a plant generating electricity from Municipal Solid Waste.

(D) Navi Mumbai Municipal Corporation:

Population Navi Mumbai Corporation is 11.19 Lakh. The Corporation has installed a processing plant of 750 mt capacity on PPP basis. 100% MSW being treated daily and converted into compost and fuel pallets. Since processing plant has been installed on the PPP basis the corporation incurs no expenditure for the disposal of MSW.





As far as bio-degradable municipal solid waste like foods, vegetables etc **(E)** is concerned, the Nisarg Run Technology of Dr. Sharad Kale, Bhabha Atomic Research Centre is being adopted by the ULBs wherever possible. ULBs take up Eco Friendly Technologies like Composting and Bio-Reactor technologies wherever possible. Municipal Corporation of Greater Mumbai has awarded projects using Eco Friendly Technologies. MCGM is also considering setting up of waste to energy projects wherein minimum land uses and technology generating minimum foul Odour/Green house gases will be used. The Pune Municipal Corporation is also considering capping of existing dumped sites for removal of Methane emissions at waste to energy projects. The state of Maharashtra has already initiated efforts to adopt cluster MSW integrated management facility at Taloja dist. Raigad for Mumbai Metropolitan Region through MMRDA. I say & submit that the State has taken up a total of 4 projects of SWM under the Government of India sponsored JnNURM, UIG component at a total project cost of Rs. 356.62 crores. Out of which 2 are already completed. Further under the State sponsored Maharashtra SuvarnaJayanti Nagrotthan Mahabhiyan implemented for upgrading & creating infrastructure facilities in the ULBs, this Respondent has sanctioned a project for ULBs at a total cost of Rs.44 crores. The State has further issued strict instructions to the ULBs that funds made available under the 12th& 13th Finance Commission should be utilized for SWM activities on a priority basis.

10. I would like to submit that this Respondent State viz Urban Development Department is seized with the issues relating to Solid Waste Management (SWM) and the following steps have already been initiated in this regard:

a) The State has already adopted the Municipal Solid Waste Management (Management & Handling) Rules, 2000 of the GOI and accordingly specific instructions have been issued to all the ULBs in the State for strict compliance of the said rules in its true spirit.



b) Regular review is being taken at the State level. A Solid Waste Management Cell has been established at the State level in 2002 to monitor the activities and also assist the ULBs in this regard.

c) The State Government through its Water Supply & Sanitation Department has issued directions in respect of approval of sites for secured landfill and a committee has been constituted in each District under the Chairmanship of District Collector having Members of concerned Government Departments like Air Base Authority, MPCB, GSDA etc. to consider approval of sites identified by the Local Bodies from the point of view of specifications to be approved as per the Municipal Solid Waste Management (Management & Handling) Rules, 2000.

- d) Further for secured landfill sites preferably Stone Quarries and other barren land are being identified by the ULBs wherever possible.
- e) Further Eco friendly Technologies like Composting and Bio-Reactor technologies are being used.
- f) Public consultation meetings are also organised by the ULBs whenever required in such situations.
- g) Pollution Control measures are also taken in accordance with Environment Protection Laws.
- h) Various methods are being used by the ULBs to control the Odour nuisance at the sites by regular spraying Odour neutraliser.
- i) Regular watering process is carried out by the ULBs to prevent the occurrence of fire.
- j) Quality of air at these sites is monitored by the Maharashtra Pollution Control Board.
- k) Many ULBs have taken steps to segregate and process wet waste so as to minimize overall waste and to reuse by-products like Methane.

And the second

11. It is submitted that the State already had an Action Plan in place for management of SWM and the same had been earlier approved by the Hon'ble High Court Bench at Bombay in a group of PIL clubbed together at Hon'ble High Court judicature at Bombay in Writ Petition No. 1740 of 1998 and other tagged Petitions. It is submitted that the said Action Plan was drafted under the supervision and guidance of Hon'ble High Court and the same had been prepared in consultation with various stakeholders viz all the Respondents and Petitioners in the group of Writ Petitions for effective implementation of MSW (M&H) Rules, 2000. I say & submit that Hon'ble High Court bench at Mumbai in its order dated 2/4/2013 was pleased to accept the said action plan & directed State of Maharashtra (UDD), Urban Local Bodies and Maharashtra Pollution Control Board (MPCB) to implement said action plan in a time bound manner of 24 Months as given in the action Plan. A copy of the said order

12. I say that as submitted above, inspite of the aforesaid restraints the State is already seized with Solid Waste Management matter and efforts are being further intensified with the implementation of the Government of India's Swachh Bharat Mission, wherein, Municipal Solid Waste Management is one of the major components.

dated 2/4/2013 is enclosed and marked as Annexure-III and copy of the action

plan is enclosed and marked as Annexure-IV. The directions given by the Hon.

High Court is monitored by the Commissioner and Director, Municipal

Administration and Secretary of the Department.

13. I say and submit that the State is already taking measures for effective management of Municipal Solid Waste. Efforts are being intensified for implementation of the Municipal Solid Waste Management (Management & Handling) Rules, 2000 in the right spirit. The various suggestions made by the CPCB in its Draft National Plan for Management of MSW, will also be considered while preparing the State / city based Action Plans. Intensified

Department 4 CE

So

efforts & measures are also being taken up by the State for management of SWM through the Swachh Bharat Mission. In pursuant to the directives of this Hon'ble Tribunal dated 5th February, 2015 the aforesaid is submitted for kind perusal.

DEPONENT

(SeemaDhamdhere)
Joint Secretary,
Urban Development Department

Place: Mumbai

Date: 9th March, 2015



VERIFICATION

I, Smt. Seema P. Dhamdhere, Age 57 years, Occupation, Govt. service at present working as Joint Secretary, Urban Development Department, Mantralaya, Mumbai, do hereby State on solemn affirmation that the contents of this affidavit are on the basis of the office record and information which I believed to be true and correct. Hence it is verified on this day of the 9th March, 2015 at Mumbai.

DEPONENT

(SeemaDhamdhere)
Joint Secretary,

UrbanDevelopment Department

Identified by me

(Sudhakar D.Bobade)

Under Secretary,

Urban Development Department,

Mantralaya, Mumbai

SOLEMNLY AFFIRMED

BEFORE ME BY THE DEPONENT

SHATSINT- Seema 1. Uhamah

- 09

Mumbai, Joint Secretary

Law and Judiciary Department
Dated & Oath Officer Appointed

& Oath Officer Appointed under Oath, Acr 1940





Points considered while preparing the clusters for the Municipal Solid Waste Management projects for the state of Maharashtra

1) Distance to transport the waste should not be more than 40 km.

- 2) Distance are mapped based on www.maps.google.com and the same has not been verified for accuracy.
- 3) Waste generation @ 400 grams per day per person
- 4) Census 2011 Population is considered assessment of waste quantity.
- 5) These clusters are based on distances and quantum of aggregated waste, however the project feasibility (technical + Financial) may be required.
- 6) Cities where facilities are already development are also covered in this cluster identification.

| Cluster | Cities in culester | Donulation (Committee | 4 | This are a second of |
|---------|---------------------|--------------------------------------|---|--|
| Number | | Population (Census 2011 in lakhs) | Approximate MSW @ 400 grams/ day (TPD) | Distance between major cities (in km) |
| 1 | Kolhapur | 5.4 | 216 | |
| | Sangli-Miraj-kupwad | 5 | 200 | |
| | Ichalkaranji | 2.87 | 80 | |
| | kagal | 0.35 | 12 | |
| | jaisingpur | 0.5 | 15 | |
| | Sub Total | | 523 | 40-50 |
| 2 | MMR (Taloja) | | | |
| | Thane | 18 | 720 | |
| | Bhiwandi-Nizampur | | | |
| | Ulhasnagar | 7.1 | 284 | |
| | Kalyan-Dombivali | 5.06 | 202 | |
| | Ambernath | 12 | 480 | |
| | Kulgaon-Badlapur | 2.5 | 100 | |
| | | 1.74 | 70 | |
| | Sub Total | | 1856 | 30 |
| 2 | Jalgoan | | 101 | |
| 3 | Bhusawal | 4.6 | 184 | |
| | Erandol | 2.2 | 88 | |
| | Dharangaon | 0.32 | 13 | |
| | Jamner | 0.35 | 14 | |
| | Sub total | 0.47 | 19 | |
| | Sub total | | 318 | 25 |
| 4 | Nanded | | | |
| | Nanded | 5.5 | 220 | |
| | Parbhani | 3 | 120 | |
| | Basmat | 0.7 | 28 | |
| | Sub total | | 368 | 35 (Basmat in between Nanded and Parbhani) |
| Cluster | Cities in culester | Population (Census | Approximate MSW @ 400 | Distance between majo |
| Number | 1374 | 2011 in lakhs) | grams/ day (TPD) | cities (in km) |
| 5 | Pune | 31 | 1,240 | |
| | Pimpari-Chinchwad | 17 | 680 | |
| | Talegaon | 0.57 | 23 | |
| | Saswad | 0.32 | 13 | |
| | Sub total | | 1,956 | 35 |
| | | | 1 to 22 | |
| 6 | Nagpur | | | |
| | Nagpur | | 960 | |
| | Kamtee | | 35 | |
| | Kalmeshwar | | 8 | |
| | Sub Total | | 1,003 | 30 |

| Cluster Number | Cities in culester | Population (Census 2011 in lakhs) | Approximate MSW @ 400 grams/ day (TPD) | Distance between major cities (in km) |
|-------------------|--------------------|-----------------------------------|---|---------------------------------------|
| 7 | Solapur | | | |
| | Solapur | 9.51 | 380 | 6 |
| | Akalkot | 0.4 | 16 | / / T |
| | Sub Total | | 396 | 30 |
| 8 | Navi Mumbai | | | |
| | Navi Mumbai | 11.19 | 448 | |
| | CIDCO Area | 10 | 400 | |
| | Panvel | 1.8 | 72 | |
| | Khopoli | 0.72 | 29 | |
| | Uran | 0.31 | 12 | |
| | Sub Total | | 961 | 40 |
| 9 | Vasai-Virar | | | |
| | Vasai-Virar | 12.22 | 489 | |
| | Mira-Bhaindar | 8.09 | 324 | |
| | Sub-Total | | 812 |] 30 |

| ULBs | No. of | Information Received from ULBs | No of Information Population as per Per day No. of ULB has Own MPCB has given Wether this land i ULBs Received from Census 2011 Garbag land for SWM Authorisation to such in Disputes / thereserved from Genaration Processing. Iand? is opposition by the people. | Per day Garbag Genaration (Tonnes) | No. of ULB has Own land for SWM Processing. | has Own SWM sing. | MPCB has given Authorisation to such land? | given to such | Wether this land is in Disputes / there is opposition by the people. | v o | Wether garbage is transfered in covered vehical manners ? | ge is overed ers ? |
|-----------------------|--------|--------------------------------------|--|---|---|-------------------------|--|------------------|--|----------|---|--------------------------|
| | | | | | YES | ON | YES | ON. | YES | ON ON | YES | NO NO |
| Municipal Corporetion | 26 | 15 | 16399612 | 6995 | 13 | 2 | 12 | 6 | o | 9 | 15 | 0 |
| Municipal council | 238 | 234* | 10838136 | 3177 | 207 | 27 | 179 | 55 | 34 | 200 | 191 | 43 |

*Note- Remmining Municipal Councils viz. Satara Devlai, Wadi, Rajgurunagar & Gadchandur are Newly formed.

| 15.2.2015) | |
|---|--|
| (as on dt. | |
| Information | |
| Municipal Solid Waste Management Information (as on dt. 15.2.2015 | |
| Solid Waste | |
| Municipal | |

| | Any other | 16 | • | No | 0 | | 0 | ı | 0 | | | 0 | No | ON. | 200 | No | No. | w |
|----------------------------|---|----|-------------------------------------|-----------------------------|--|---|--------------|---------|-------------------|-------------------|-----------------------|------------------|----------------|---------------------------------|----------------------------|--------------------------|--|-------------------------|
| (Louns) | Vermi | 15 | | | 0 | | 0 | : | 0 | | | 0 | No | Q. | 275 | 8 | 7 | |
| Type of Processing (Tonns) | Electricity Generation | 14 | | Yes | 0 | • | o | : | 0 | , | | 0 | S _O | S. | 250 | Elecricity Generation | No | |
| Type | Biogas | 13 | • | Yes | 0 | ı | 0 | ı | o | | | 2% | N _o | No. | 08 | ON No | No | |
| | Compost | 12 | yes | yes | o | | 350 | ۵ | 0 | | | o _N | yes | S S | 350 | o _N | No | |
| % of Daily treated | garbage | 11 | 100 | 5 | a | | 100 | 24% | 0 | No | yes | 2% | 20% | No No | 45% | N _O | 3% | 7 |
| % of Dry / | Segregation | 10 | 24 | 15 | Mix | 20 | 0 | 100% | 0 | O. | yes | 2% | 20% | oN. | 40 % to 50 % | %09 | 10% | |
| Wether | transfered in covered vehical manners ? | 6 | yes | yes | yes | yes | Yes | Yes | yes | Yes | yes | Yes | yes | yes | Yes | yes | Yes | |
| Wether MDCB has | given Authorisation to such land? yes/No | 80 | yes | yes | yes | yes | Yes | Yes | yes | OLN OLN | yes | o _N | yes | yes | No. | yes. | Yes | |
| Wether this land | there is opposition by the people. | 7 | No. | Yes | Yes | No. | Yes | No | ON | Yes | yes | No | yes | Yes | Yes | Yes | No | |
| if Yes, area | | 9 | 25.72 | 18.89 | 13.44 | 19.33 | 32.8 | 22 | 8.09 | | 31 | 8.09 | 8,88 | 18.44 | | 7.3 | 9'6 | |
| Wether ULB | land for SWM Processing | 40 | yes | yes | yes | yes | Yes | Yes | yes | N _O | yes | Yes | yes | oN. | Yes | Yes | Yes | |
| Garamilon | Per day in Tonnes | 4 | 650 | 650 | 550 | 200 | 370 | 006 | 125 | 400 | 400 | 130 | 110 | 250 | 1600 | the. | 190 | 9669 |
| Population as | 2011 | 67 | 1119477 | 1818000 | 1248381 | 1221233 | 1488000 | 2467000 | 350859 | 711329 | 805820 | 321036 | 38275 | 646801 | 3115431 | 548273 | \$02697 | 16399612 |
| Name of Municipal Council | | 2 | Navi Mumbai Munkipal Corporation | Thane Municipal Corporation | Kalyan Dombivli Municipal Corporation | Vasal Virar City Municipal Corporation | Nashik corpo | Nagpur | Ahmadnagar M.Cor. | Bhiwandi Nijampur | Mira Bhyander M.corpo | Chandrapur corpo | Latur corpo | Amaravati Municipal Corporation | Pune Municipal Corporation | Kolhapur | Sangli Miraj Kupwad Municipal Corporation | Total of Recleved info. |
| r.no | | - | - | 2 | 6 | 4 | en cu | 9 | 7 | 80 | O3 | 9 | = | 2 | 5 | 4 | | |

Annexure ! !

| wener sywn by laws are prepared and implemented in the ULB Yes / No | 23 | | No | O. | No | No | Yes | | No | Yes | Yes | Yes, No | No | No | ON. | No | |
|---|------|--------------------------------------|-----------------------------|--|---|--------------|------------------|-------------------|-------------------|---------------------------|------------------|-------------|---------------------------------|-------------------------------------|----------|--|-------------------------|
| Distance of the meanest A class, B class M.C., In K.M. Ir | 22 | 6 | | | | ı | 14 KMs (Kamptee) | | Thane Mun.Corpo | | Ballarpur 15 KM | NA | 100km | near by Pimpari cchinchwad corpo | ON | No. | |
| Distance of the nearest Mun.Corporation from ULB. In K.m. | 21 | • | | | 80km Thane Municipal Corporation | 1 | 60 KW | | Kalyan dombiwali | Bruhan Mumbai BMC 2 KM | | NA. | Karanja Municipal | Pimpari ochinchwad | 2 | Asta Municipal Council 15 KM, Jet | |
| If no Treatment facility available than from how many years the | 20 | 2 | | 30 | 15 | 1 | Since 1968 | | Since 3 Year | Since 2 years | Since 6 year | Since 10 | 100 | Since 20 year | 9 Year | Since 10 Years | |
| Wether Saperate Provision is available for treatment of Bio-Medical waste | 19 | yes | NA | yes | N _O | Yes | Yes | yes | Yes | Yes | Yes | yes | yes | Yes | yes | Yes | |
| Inert Disposed per day in the SLS (Tons) | 18 | 20 | Yes | 0 | | 170 | 36 | 0 | No | | 0 | No | No | 900 | No | No | |
| Wether Sanitary Land Fill Site has been developed Yes / No | - 17 | yes | Z | ON. | S. | Yes | Yes | o | ON. | | Yes | No | No | Yes | | No | |
| Name of Municipal Council | 2 | Navi Mumbai Municipal Corporation | Thane Municipal Corporation | Kalyan Dombivli Municipal Corporation | Vasal Virar City Municipal Corporation | Nashik corpo | Nagpur | Ahmadnagar M Cor. | Bhiwandi Nijampur | Mira Bhyander M.corpo | Chandrapur corpo | Latur corpo | Ameravati Municipal Corporation | Pune Municipal Corporation | Koihapur | Sangli Miraj Kupwad Municipal Corporation | Total of Recieved Info. |
| Srno | - | - | 2 | 6 | 4 | 10 | 9 | 1 | 00 | 0 | 9 | 1 | 12 | 13 | 4 | 1 3 | |

Municipal Solid Waste Management information (as on dt. 15.2.2015) Municipal Council

Annexure !!

| | Any other | 18 | ON. | Bacteria culture | 9 | 1 | 1 | - | | | | o | 0 | | | o | | | No | |
|-----------------------------------|-------------------------------------|----|----------------|------------------|------------------|------------|---------|--------------------------|---------|--------------------------------|-------|---------|---------|----------------|-----------------|----------------|----------------|-----------|----------------|----------------|
| ins} | Vermi | 15 | No | No. | yes | S. | t | ŧ | | | 0 | 0 | 0 | No | | 2 | 0.5 | - | No. | , |
| Type of Processing (Tonns) | Electricity Generation | 41 | No. | Q. | No | 1 | : | : | sak | Electricity Generation From | 0 | 0 | 0 | No | | No | 3.5 | | No | 50 M 3 per day |
| Type | Biogas | 13 | 2 | SV. | No | 1 | 1 | 2 | yes | - | 0 | 0 | - | yes | | 2 | 3.5 | | % % | va |
| | Compost | 12 | N _o | Yes | yes | t | PA. | 43 | , | | 0 | 0 | 0 | No | | S. | S. | M | No | |
| % of Daily treated | | + | 1 | 8 MT | 21 | 10% | 4 tons | , | 2 lons | 10% | o | 0 | 4. | \$0% | o | %0 | 54% | 6 MT | o _N | 27.77% |
| Segregation | | 10 | - | %06 | 20 | ON. | 09 | 2% Biogas & 10% Other | 10% | 10% | 0 | 60 /40 | 14 | \$2% | 0 | %0 | 70% | %05 | 2 | \$0% |
| werner gamege is transfered in | covered vehical manners ? yes/No | | Yes | Yes | sak | yes | yes | Yes | yes | Yes | yes | yes | yes | yes | Yes | No | yes | Yes | sak | Yes |
| has given | S S | 80 | o _N | No | sak | yes | yes | Yes | yes | o _N | yes | yes | yes | yes | Yes | yes | No | Yes | yes | yes |
| Disputes / there is | | 7 | Yes | Yes | ON | yes | 00 | Yes | yes | No | yes | yes | No | yes | No. | No | No | N N | yes | No No |
| hectors | 32 | | ı | 2.18 | 6.56 | 13.58 | 9 | 41 | 3.25 | | 2 | 1.05.02 | 1.32 | - | 82-9 | 0.34.5 | o N | 2.10.0 | 2.46 | 2.4 |
| | SWM Processing | 10 | No | Yes | yes | yes | 388 | No | yes | 9 | sak | yes | yes | S _O | Yes | yes | o _N | yes | 388 | Yes |
| | day in Tonnes | 4 | ro. | 12 | 63 | 105 | 18 | 45 | 25 | 7 | 60 | 12 | 7 | 11 | 7 | S | 9 | 12 | 22 | 18 |
| Census 2011 | | m | 12040 | 50287 | 174226 | 253475 | 68,930 | 180020 | 71230 | 20743 | 27531 | 37852 | 20849 | 30439 | 12225 | 15118 | 4388 | 29663 | 76229 | 55139 |
| Council | | 2 | Jawhar | Dahanu | Kulgaon Badlapur | Ambamath 2 | Paighar | | Khopoli | Alibag 2 | Mahad | | | | Mund Janjira 12 | Shriwardhan 12 | Matheran 43 | | Ratnagiri 76 | |
| | | - | 1 Jan | 2 Da | e X | 4 Am | rs B | 6 Par | ₹ X | 8 Alib | | 10 Pen | 11 Roha | 12 Uran | _ | 1 | | 16 Karjat | | 18 Chiplun |

| 6 | | 1 . | Suction Unit | Ē | Ž. | o _N | | | 21 | Open Dumping | only dumping | Open Dumping | 2 | ON. | , | , | | | , |
|--------------|---------|-------------|--------------|---------------|----------------|----------------|------------|--|--|--------------|----------------|--------------|---|----------|--|------------|-------|-------|------------|
| 35 | | 1 | No | Z | Z | No | 500 K | | Q. | ON. | 8 | No | 2 | No | No. | | 1 | • | 10% |
| d | 69 | | <u>+</u> | 2 | Z | ON: | : | | ON. | No. | No | No. | 2 | No | No | | c | , | |
| 2 | е | , | - | Z | 2 | Na | : | | r | oN. | Q. | S. | Q. | S. | 1 MT Biomethahrisati on Project Running | , | | 1.5.T | |
| 7 | No | | 4 | P.W. | N. | S. | 9 | vn | No | No | No | No | o'X | No | No. | | | - | |
| = | 30% | | 11 | Z | E. | No | 500 K/Day | Currently, the mixed waste on J.C.B. Put into the pit and waste dump process is by kemposting. | Since the processing center currently closed for | No | No | No. | There is a simple way to compost waste. | No | 10% | | Yes | 23% | 10% |
| 2 | 30% | 950 kg/50kg | 30% | Z | EZ. | No | 20% | No. | %05 | 20% | N _o | Ž | ó | 20% | 36% | No | 0 | 20% | 30 % 70 % |
| n | yes | Yes | yes | e N | Yes | No | sex | yes | yes | sak | No | yes | No | yes | sak | No | yes | yes | yes |
| 9 | No | Yes | yes | Z | No | No | No | yes | yes | No | ON | Yes | Yes | yes | yes | yes | No. | Yes | yes |
| | o N | No | No | ON. | No | No | No | No. | o _N | No | yes | yes | °Z | No | S. | yes | yes | yes | No |
| | 1 | 0.40.0 | 0,35-00 | Z | Ī | No | 2.11 | 2.02 | <u>10</u> | 2 | 4.84 | 4 | 0.81 | 1.61 | 2.2 | က | 0.68 | e | 13.5 |
| 0 | No. | Yes | yes | ^Q | N _O | oN. | yes | yes | yes | yes | yes | Yes | yes | yes | yes | yes | yes | Yes | yes. |
| | so. | - | Ø | - | 6 | 2 | 80 | ເກ | 4 | ç | 20 | 9 | ထ | 24 | 16 | 60 | 6 | Į. | 30 |
| , | 16892 | 9753 | 15713 | 9468 | 13608 | 18286 | 23851 | 12392 | 18648 | 16398 | 80028 | 30989 | 25955 | 65215 | 49826 | 12056 | 12353 | 37701 | 89282 |
| 7 | g | Rajapur | ilox | Ghuhagar N.P. | Devrukh N.P. | Lanja N.P. | Sawantwadi | Venguria | ven | Kankavli | Manmad | Ighatpuri | Nandgaon | Her | a | nbak | pur | BU | Shrirampur |
| - | 19 Khed | 20 Raja | 21 Dapoli | 22 Ghu | Z3 Dev | 24 Lan | 26 Saw | 26 Ven | 27 Maiven | 28 Kan | 29 Man | | 31 Nan | 2 Sinner | 33 Yewla | 34 Trambak | 1 | | |
| | - | 14 | ~ | N | 12 | 13 | 124 | 121 | N | 10 | N | 30 | (r) | 32 | H | e3 | 35 | 86 | 37 |

| $\overline{}$ | | - | | | | | | | - | | | | | | | | | | | | | | - |
|---------------|-----------|---|--------|--------|-----------|-----------------|----------|--------|-------------------|----------|--------|---------|-----------------|-------------------|------------------|----------|----------|--------|------------|----------------|------------------------|-------|-------|
| 0 | ٠ | *************************************** | 1 | N | No. | No | No | No | | 1 | o | 6 | Vermi | No | EN. | Andfill | kandfill | No | 1 | ı | 1 | • | - |
| e P | | o _N | 0.25 | οN | Yes | yes | 36 36 | No | | No | 0 | | No | No | 2 | No | No | No. | 60 | ıc | 0 | 0 | |
| 4 | | Š | 8 | No | No | No | No | No | | S. | 0 | | No. | No. | Ŧ | No | No | N | ı | | 0 | 0 | , |
| 2 | yes | 2 | 0.75 | Q. | S. | 0 <u>V</u> | O.N. | No | | No | 0 | | No | No | 2 | No. | No. | Š | ı | | 0 | 0 | |
| 17 | ñ | No | | yes | No. | š | yes | 18 | Yes | No | 0 | Yes | D. | No | Z | No. | Ž | No | L | | 0 | 0 | Yes |
| - 6 | 20% | 0 | 12.5 | 90 | 20 | 8 | 25 | 0 | 28 T | 2 | 0 | 10 | 18 | 0 | • | | | *0 | 30% | 10% | No. | %0 | 15% |
| 2 | 70% | 30 | 2 | 80 | 30 | 20 | 90 | 09 | Wet 28 T Dry 12 T | S. | 0.5 | 10 | 100 | 0 | | 10% | 15% | 15% | No. | 30% | wet 3 MT & Dry 2 MT | Š. | 30% |
| מ | yes | Yes | yes | yes | Yes | yes | yes | yes | Yes | Yes | Yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | No | Yes |
| • | yes | S. | yes | sək | Yes | Yes | Yes | Yes | Yes | Yes | ON. | Yes | yes | o _N | o _N | sek | No | yes | yes | o _N | yes | 2 | Yes |
| | 2 | No | No | No | No | No | No | yes | No | No. | Yes | No | No | No | No | No | No | No | ON. | No | No | No | No |
| | sc. | 2.89 | 10.05 | 1.87 | 23.0 | 0.95 | 2 | 4.3 | 9.52 | 2.78 | £. | 1.08 | 4.07 | 3.63 | No | 5.13 | 2 | 2.00 | 2.45 | 4.31 | 8.0 | • | 3.8 |
| 9 | yes | Yes | yes | yes | Yes | yes | yes | yes | Yes | Yes | Yes | yes | yes | yes | No | yes | yes | yes | yes | yes | yes | No | Yes |
| + | 8 | 12 | 89 | 4 | 6 | ro. | 60 | 18 | 40 | 12 | 9 | 8 | 25 | 13 | 7 | 47 | 35 | 17 | 30 | 18 | េ | 12 | 7 |
| 2 | 65804 | 65273 | 38813 | 22335 | 31134 | 30997 | 27247 | 36004 | 111067 | 61358 | 25973 | 34212 | 76905 | 46767 | 24511 | 187750 | 96187 | 72783 | 97450 | 59564 | 26604 | 36708 | 27140 |
| 4 | mer | Kopargaon | -2 | Rahata | Shrigonda | Dewlali Pravara | Parthadí | Shridi | Nandurbar | 47 Shada | Taloda | Navapur | Shirpur warwade | Dondaicha warwade | Sindhakheda N.P. | Bhusaval | Ameiner | Chopda | Chaishgaon | Pachora | Faizapur | Yawai | Raver |
| | Sangamner | 2 | Rahuri | 12 | -5. | | 12 | -6 | 15 | 1 65 | 12 | 2 | 1-2 | 15 | 12 | 12 | 10 | 19 | 1 99 | 10 | <u>N</u> |]≥ | 15 |

| 16 | organic waste daily capacity of 5 MT | 1 | Druping | Dumping | , | | | ı | 2 | S. | | S. | Na | ¥ | PŽ | t | 1 | 1 | 1 | 1 | I | No |
|-----|--|--------|------------|----------------|----------|----------|----------|----------|------------------|----------------|-----------------|----------|---------|-------|--------|--------|----------------|----------------|-------|----------------|---------|----------|
| 15 | 0 | • | | , | | | • | 1 | 2 | Na | No | No | No | NIL | Z | EN. | 1 | 6 | _ | 1 t | - s c | S |
| 14 | 0 | ı | | | à | | | 1 | 8 | No | No | No | 92 | NI | 2 | 2 | l _a | 1 | 1 | ı | ı | 2 |
| 5 | 0 | t | | | | | es. | ı | 2 | S _O | No | 8 | Š | NIC | Z | Z | ı | 1 | ı | 1 | ı | No. |
| 7 | 0 | Yes | Ya | | | • | | 3.5 T | OΠ | No | No | No. | No O | NIL | Z | 90% | g. | ı | | ı | 2.5 | 1.5 |
| = | o _N | No. | | , | | 6 | 16 % | 10% | 8 | No. | No | | N | %0 | % 0 | 80% | 28% | 25% | 50% | 20% | 20% | 15% |
| 10 | wet 2 MT & Dty 2 MT | No. | No | | | | 791 | 30% | 09 | No | Wct 25 & Dry 75 | °N | No | %0 | %0 | 80% | 30% | 25% | | 20% | 72.4 | |
| gn | yes | yes | Yes | yes | sak | yes | yes | yes | yes | yes | yes | ON No | yes | ON | Yes | Yes | yes | yes | Yes | yes | 900 | Yes |
| 80 | yes | Š | Yes | yes | Sak. | No | No | yes | sex | No | yes | No. | Yes | YES | Yes | No | yes | yes | yes | yes | 960 | 28 |
| | No | Q. | No. | N _O | ON | No. | yes | o Z | yes | yes | No. | yes | Yes | ON | Yes | Ŷ. | °N | o _N | ON. | ο _N | c Z | 8 |
| e e | 0.76 | 19. | 2.02 | 2 | 2 | 5.38 | , | 3.64 | 85 | No | No | 1.61 | 9.4 | 1,42 | ıa | 5.5 | 2.17 | 4.93 | 2.6 | 3.5 | 2.5 | |
| 0 | yes | yes | Yes | yes | yes | 348 | o. | Yes | yes | ON. | ON. | yes | yes. | yes | yes | S. | Yes | şa | Yes | Say. | 3 | S |
| 4 | 4 | | 10 | - | • | 7 | 32 | 32 | Ŧ | 12 | 7 | 7 | en | 60 | 0 | 15 | 9 | 22 | 7 | 17 | 17 | ın |
| רי | 20595 | 37635 | 35375 | 31071 | 46762 | 37214 | 109282 | 67698 | 58349 | 49450 | 21515 | 37135 | 14534 | 18886 | 31821 | 28654 | 25315 | 67391 | 37105 | 48289 | 37945 | 33521 |
| N | Sawda | Parola | Dharangeon | Earandol | Jamner | Bhadgaon | Beramati | Lonewale | Talegaon Dabhada | Daund | Indepur | Shirur | Jejuri | Bhor | Saswad | Alandi | Junner | (stempur | Astha | ZĮ. | Tasgaon | Jat N.P. |
| - | 61 Sa | 62 Pa | | 2 | 88 J. | 99 HE | 67 Be | 68 Lo | | 70 Da | | 72 St | | | | | 77 | | | 80 Viba | | |

| _ | _ | | | | | | | | | | | | | | | | | | | | | | |
|---------------|----------|-------|----------|------------|---------|-------|----------------|---------------|-------------------|----------|------------|----------------|-----------|----------|-------------|----------|---------|-----------|----------------|------------|----------|----------|---------|
| \$ | QN. | 1 | No. | | 2 | 0 | No | QV. | S. | t | Dumping | No | , | | • | ¥ | 0 | | 2 | | | Yes | |
| 15 | SN SN | No | Ę | | No | IO. | No | No. | ON. | | No. | oN N | | | 0 | No | 0 | | 9 | Yes | | - | 0.3 |
| 4 | No | No | No. | , | 8 | 0 | No | 92 | 8 | ı | No | o _N | | | 0 | No | 0 | | o _N | 9 | • | | |
| £ | 2 | 2 | 2 | | 2 | 0 | 2 | 9 <u>V</u> | 2 | | Yes | 2 | , | | 0 | 2 | o | | 8 | | | | |
| 4 | ž | % | SN. | | No | 0 | N | 30% | 2 | | Y | ŭ | | | - | Yes | 0 | | Yes | | - | - | - |
| Ŧ | No | 1 | 2% | %0 | 2 | 41.66 | *0 | 809 | % | No | 859 | 20 | | | 8 | 0 | 20 | - | S. | 30% | No | 11 | 1% |
| 10 | No. | 10 % | °Z | %0 | 10% | 19 | 80% | %0% | No | 20 | 40% | 20 | | | 20 | 20 | 28 | | 53% | 40% | %09 | %08 | 62%-38% |
| 3 | saí | yes | yes | yes | No | yes | yes | yes | Yes | yes | Yes | 3458 | Yes | No | yes | yes | yes | yes | sak | yes | Sec. | yes | yes |
| 10 | sak | sak | yes | No | No | No | Yes | sak | No | sak | Yes | sak | Yes | Yes | sak | sak | sak | 3,68 | yes | sak | Yes | yes | Yes |
| , | No. | Yes | ON. | No | No | No | N _O | No | Yes | No | No. | No | Q. | No. | 02 | no | ON | yes | yes | S. | QV. | No | |
| | 7.24 | 0.83 | 2.80 | 0.68 | 2.79 | 6.93 | 9.0 | 09'0 | 0-20 | 10 | 13.2 | 2.2 | 1.87 | 1.16 | 2 | 1.25 | 1.48 | 2.2 | 6.64 | 0.08 | 9.0 | 0.4 | |
| 0 | 1 | yes | sak | yes | yes | yes | yes | Yes | Yes | yes | Yes | sak | yes | Yes | sak | yes | yes | yes | yes | yes | yes | yes | No |
| • | 40 | 40 | 13 | - | 2 | 12 | 47 | က | 16.5 | 46 | 51 | 8 | 40 | 12 | ıo | 2 | 6 | 6 | 120 | 17 | - | 9 | 60 |
| 7 | 120195 | 74355 | 52049 | 17633 | 24136 | 38025 | 14897 | 13405 | 3167 | 118573 | 98923 | 23199 | 34321 | 40103 | 21828 | 12353 | 11214 | 22463 | 287353 | 48510 | 5339 | 11194 | 25651 |
| М | Bra | pa | an | Rahimatpur | Mehswad | | Panchginl | Mahabaleshwar | Malkapur (satara) | - | Pandharpur | Kamala | gola | Akkalkot | Mangalwedha | Maidarpi | hani | Kurduwadi | khalkaranji | Jaisingpur | Malkapur | pni | Wadgaon |
| | 3 Satara | Karad | 5 Faltan | | | 8 Wai | | | | 2 Barshi | | | 5 Sangola | | | | Dudhani | | | | _ | Murgud + | 5 Wad |
| | 23 | 2 | 82 | 25 | 87 | 8 | 68 | 8 | <u>a</u> | 92 | 8 | 2 | 8 | 60 | 97 | 80 | 2 | 9 | É | 102 | 5 | 4 | 105 |

| | _ | | | | | , . | | , | | | | | | | | | | | | | | |
|-----|----------|--------|--------|-----------|-------|-------|--------|---------|---------|-------|-----------|-------|-------|----------------|----------------|---------|-------|------------|-----------------|---------|--------|----------|
| • | | | | | 0 | ı | 1 | o | 0 | Ē | • | | 2 | | 2 | SN N | 2 | 0 | natural | | No | |
| 2 | 30% | ува | 1,5 | 9.0 | 0 | 0 | | 0 | 0 | ₹ | Q. | Q. | 9 | o _N | 2 | o. | 8 | 0 | • | | 8 | 0,5 |
| 1 | 1 | | Yes | • | 0 | 0 | | 0 | 0 | Z | 2 | 2 | Q. | No | 2 | o Z | 2 | 0 | | | Š | |
| 2 | | , | | | 0 | 0 | | o | 0 | Z | S. | ž | S. | No | 2 | Š | 9 | o | , | | 2 | |
| 4 | | | | , | 0 | 0 | Yes | 0 | 0 | Z | No | n. | No | No | ž | No. | OII | 0 | | | No | 1 |
| | 30 % | 30% | 1.5 MT | 60 %-40 % | 0 | 0 | 40 | 0 | 0 | Ē | o | 25 % | 2 | 25% | No | No | 72 | 0 | ON. | No | ON. | 25% |
| 2 | 30% | 20 % | 4 | 60 %-40 % | 0 | 0 | No | 왕 | 0 | 豆 | 0 | 25 % | 20% | %09 | %09 | 25% | 000 | 30 | ON. | No | SV. | |
| n o | yes | yes | yes | yes | yes | yes | Ses | yes | yes | Yes | Yes | yes | Yes | yes | yes | No | No | No | Sex | yes | No | SN No |
| 0 | yes | Yes | yes | sak | yes | | Yes | yes | yes | Yes | No | yes | Yes | yes | N _O | yes | No. | yes | Ves | yes | No | sak |
| | No | No | No | No | No. | No. | yes | S. | No | No | No | No | ON | No | yes | No. | 2 | No | No. | No | yes | No. |
| Ф | 1.11 | 65 | 2 | 0.14 | 4 | 2 | ı | 3.71 | 0.75 | 9 | 6 | 2 | 2 | 2 | 50.5 | 02.05 | 2 | 4 | 8.0 | | 2 | 2 |
| a | yes | yes | sak | yes | sak | yes | No | yes | yes | yes | Yes | yes | Yes | yes | yes | yes | yes | yes | \$ | | ses. | sak |
| 4 | 7.5 | ĸ | 89 | - | 80 | rc. | 1 | 10 | - | 10 | 15 | 2 | 4 | 89 | 7.5 | 10 | 10 | 40 | 12 | 12 | 80 | 69 |
| m | 27185 | 22372 | 34095 | 3121 | 58230 | 41514 | 41297 | 27681 | 15677 | 40756 | 49581 | 15765 | 36640 | 32488 | 46915 | 45000 | 36853 | 85137 | 88846 | 24787 | 285349 | 31553 |
| 61 | dhingalj | плфмаф | gel | nhala | 8 | ithen | ijapur | Ingapur | ultabad | nnad | Gangakhed | thedu | ıma | anwat | nllis. | ntur | attri | ilogoli | 124 Besmatneger | alamuni | alna | mbad |
| | | 1 4 | 16 | 1 65 | 15 | 1,50 | 100 | Ö | ĪΣ | 12 | Ø | U) | 14 | 13 | 100 | 15 | 10. | Ī | 100 | 12 | IŠ | 14 |

| 5 6 7 8 8 8 8 8 8 8 9 8 9 | E 1 | 92 |
|--|--------------------------|-----------|
| 5 6 6 7 8 8 10 11 12 13 14 yes 1,16 Mo yes yes No | 2 2 | No |
| 5 6 8 9 10 71 72 73 156 NO 166 NO 166 NO NO 17 <td>2</td> <td>Z</td> | 2 | Z |
| 5 6 6 7 8 3 10 11 12 yes 1.16 No yes yes No No ro ro <td>2</td> <td>No</td> | 2 | No |
| 5 6 7 8 9 11 | 2 | 8 |
| 5 6 7 8 9 10 yess 1.16 No yess yes No yess 1.16 No yess yess No yess 1.51 No yess yess No yess 1.51 No yess yess 400 yess 1.55 No yess Yess 400 yess 1.55 No yess Yess 70 yess 1.56 No yess No 400 yess 1.59 No yess No 400 yess 1.49 No Yess No Yess 30 yess 1.49 No Yess No No Yess No yess 1.2 No No Yess No No | 9609 | No. |
| yes 7 8 9 yes 1.16 No yes yes yes 1.51 No yes yes yes 1.51 No yes yes yes 1.51 No yes yes yes 1.55 No yes yes yes 1 No yes yes yes 1 No yes No yes 1 No yes yes yes 1.56 No No yes yes yes 1.58 No No yes yes yes 1.48 No Yes yes yes 1.2 No No yes | 40% | No |
| yes 2 No yes yes 1.16 No yes yes 1.51 No yes yes 1.51 No yes yes 1.55 No yes yes 1.55 No yes yes 1 No yes yes 1 No yes yes 1 No yes yes 1.58 No No yes 1.58 No No yes 1.49 No yes yes 1.49 No yes yes 1.49 No yes yes 1.2 No No yes 1.2 No No | 40% | 20% |
| yes 1.16 No yes 1.51 No yes 1.51 No yes 1.55 No yes 1.55 No yes 1.55 No yes 1.55 No yes 1.56 No yes 1.58 No yes 1.48 No yes 1.48 No yes 1.2 No yes 1.2 No yes 1.2 No yes 1.2 No | SS AS | yes |
| yes 1.16 yes 1.16 yes 1.51 yes 1.55 yes 1.55 yes 1.56 yes 1.58 yes 1.58 yes 1.58 yes 1.58 yes 1.49 yes 1.49 yes 1.49 | , ses | yes |
| yes | 0 × | No |
| | . 5.5 | 2.9 |
| 3 2 2 2 2 3 8 4 4 4 5 5 1 1 2 1 1 2 1 2 2 2 2 2 2 2 2 2 2 2 | No ses | yes |
| | 12 | 40 |
| 24416 35920 14923 13.507 23517 24843 27790 27790 27790 24125 24125 36172 104063 104063 | 25/55 41859 | 111825 |
| Bhokerden Partur Beth Urnri Mudikhed Mudikhed Mukhed Deglur Mukhed Mukhed Mahur N.P. Ardhapur N.P. Ardhapur N.P. | mp min | Osmanabad |
| | 147 Kalamb 148 Umarga | 149 Osm |

| 5 | £ | No. | ę. | S. | Š | 1 | S. | 1 | No | 8 | ¥ | N. | 1 | S. | No | 罗 | | Land filling | Land filling | 2 | N _O | S S |
|----------|----------|----------------|----------------|----------|----------------|----------|----------------|---------|------------------|------------|-----------|----------------|----------------|---------|----------------|---------|---------|---------------|--------------|----------------|----------------|---------------|
| 9 | cN CN | S S | S. | £ | SV. | 8 | οN | 2 | E. | 2 | IIN | S | | No. | ν | ¥ | , | ı | 1 | No. | S. | No. |
| * | No | No | No | No | o _K | 1 | 2 | 1 | MI | J. 100 | EN | S. | | ON. | No | 罗 | • | 1 | | 9 2 | o _N | Se . |
| 2 | ON. | No | No | EX. | 9 | 1 | ₽ | 1 | II. | 2 | NB | No. | | No | No | 里 | | ı | ı | N _O | S. | S. |
| 12 | Š | o _N | o _N | No | No | 1 | o _X | Yes | N | 90 | Nii | Yes | , | No. | Š | FW | No. | ı | 1 | Yes | ž | N. |
| | -N | No | No | № | 2 | 20% | No. | 25% | = N | 90 | ii. | S _O | | No | No | | % % | No. | No. | No | S. | No |
| 2 | °Z | No | S. | % | % | No. | 25% | 20% | 25% | ОП | Ni | 25% | 30.70 | 25 | N _o | EN. | | No. | No | No | 0 | No |
| n | yes | yes | yes | yes | yes | 968 | N. | No. | No | DO | Yes | No | yes | yes | yes | No | No | Yes | Yes | Yes | 2 | yes |
| 10 | yes | yes | yes | yes | yes | 88% | No | yes | Yes | Yes | Yes | yes | ON. | No | yes | No | sak | Yes | Yes | Yes | Yes | sak |
| 1 | No | No | ON. | No | °N | No | S. | S. | No | No | No | o _N | yes | yes | No | S. | S. | No. | No. | S. | 9 | No No |
| 0 | | | 1.2 | 1 | | 1.2 | 0.45 | 4 | 0.4 | 2 | 7 | 2 | | 0.81 | 23.02 | 5.91 | 14.16 | 2.02 | 20 | 3.88 | 4.51 | 2 |
| 10 | yes | yes | yes | yes | yes | yee | yes | yes | Yes | Yes | Yes | yes | o _N | Yes | yes | Yes | yes | Yes | Yes | Yes | Yes | yes |
| • | 12 | 7 | - | 2 | 60 | N | 92 | 19 | 25.75 | 12 | on. | 3.5 | 10 | 15 | 26 | 13.72 | 14 | 80 | 10 | 1 | 4 | 9 |
| n | 34011 | 18355 | 18758 | 18581 | 18371 | 14780 | 203240 | 73875 | 90975 | 49445 | 33557 | 20484 | 30704 | 67470 | 94191 | 67968 | 59766 | 27000 | 45287 | 42202 | 58889 | 30975 |
| 7 | | dunga | anda | шох | mu. | rdalwadi | Pe | bejogei | Pareii Valjanath | Manjalgaon | oral | erur | | dhana | втраол | Rapur | Bgaon | Jalgaon jamod | hkar | ndura | Ikhali | Deolgaon raja |
| _ | 09 | 151 Nak | 162 Pan | 163 Bho | 154 Mur | 165 Kun | 166 Bee | 157 Am | 158 Par | 169 Mai | 160 Ge | 161 Dh | 162 Kej | 163 Bui | 164 YOR | 166 Mai | 166 She | 167 Jak | 168 Me | 169 Ra | 170 Chikhali | 171 De |

| 16 | Z | 0 | | 8 | | 22 | 1 | • | 2 | Νο | No | No | | ON. | S. | No. | 8 | No | No | S. | No | S. |
|-------------|----------------|----------------|----------|-----------------|---------|--------|----------------------------------|-----------------|---------------|------------|-----------------|-------------|----------|---------------------|----------------------|------------|-------|----------|----------------|----------------|----------------|----------------|
| 15 | No | 0 | • | No | Yes | yes | , | • | No | ON. | No. | Yes | yes | ON. | No | 2 | Š | 2 | o _N | No | S. | S. |
| 7 | Ē | 0 | • | No | S. | 90 | t | 1 | No. | No | No | No | No | No | No | No | No | No | No | No | No | N _O |
| | Z | 0 | ī | No | No. | 00 | ı | • | No. | No. | No | No | No | No. | 8 8 | No | Ş | Š | No. | S. | S. | S. |
| 7 | Yes | 100 % | Compost | No | Compost | E | 1 | 10% | Compost | No | No | No. | yes | No. | No | No | No | No. | N _o | No | N _o | S, |
| 11 | 0 | 0 | 40% | No | 30% | 20% | No | 10% | 20% | No. | | 30% | %8 | 9 | No | o <u>N</u> | No. | 2 tons | N _O | S _O | No | 8 |
| 9 | 0 | 0 | , | 25% | | 50% | 4.25 M.T. Wet + 1.75 M.T. Dry | 20.00% | 25% | 30% 70% | ı | 30% 70% | 8%-92% | 60% Wet, 40% Dry No | 50 % Wet, 50% Dry | % | No | oz. | No | No | No. | N _o |
| G9 | Yes | yes | yes | Yes | Yes | yes | Yes | Ves | 788 | Yes | No | yes | yes | yes | No | QV | yes | yes | yes | No | No | N _O |
| a) | Yes | yes | yes | Yes | Yes | sak | No | yes | yes | Yes | sak | yes | yes | yes | yes | sak | yes | yes | yes | yes | yes | 8 |
| 7 | N _O | N _O | No | No | No | 100 | No | No | No | No | ON. | NO NO | yes | No | No | No. | No | No | No | No | o _Z | <u>8</u> |
| 80 | က | 2 | 1.16 | 1.3 | 2.42 | 10 | ı | 1,41 | 1.4 | က | 2 | 0.8 | 7 | 1.76 | 2.5 | 4.04 | 1.3 | စ | 6.1 | 5.08 | 4.59 | No |
| ua . | Yes | yes | yes | Yes | yes | Yes | o N | SBA. | 7888 | Yes | yes | yes | yes | yes | yes | , sec | yes | yes | yes | yes | yes | S. |
| 4 | 80 | 4 | 30 | 10 | 18 | 6.5 | 60 | 0.44 | LC: | ιΩ | 10 | 60.3 | 9 | စ | c. | 15 | 10 | 18 | 60 | 11 | ω | 12 |
| n | 23416 | 16434 | 112311 | 56380 | 45482 | 37333 | 36463 | 19778 | 18763 | 20059 | 21716 | 5158 | 131317 | 34094 | 21293 | 44834 | 73046 | 47458 | 31094 | 58857 | 29302 | 31597 |
| 7 | Lonar | Sindakhed raja | Achalpur | Anjangaon Surji | Wand | Morshi | 178 Daryapur | Chandur railway | Chandur Bazar | Dhemangaon | Shandurjanaghat | Chikhaldara | Yavatmai | Darwha | Ghafanji | Digras | Pusad | Umarkhed | Pandharkwda | wani | ner-nababpur | Ami |
| - | 172 | 173 | 124 | 176 | 176 | 111 | 178 | 178 | 180 | 181 | 182 | 183 | 184 | 186 | 186 | 187 | | | | 181 | | 193 |

| | | | | | | 7 | | _ | | | | _ | | | | | | | | | | |
|----|---------|------------|--------|---------|--------|-------|----------|---------|----------------|----------------|-------|--------------|-----------|------------------|-------|----------------|------------|----------------|---------|----------------|---------------|----------------|
| 5 | No. | 0 | 1 | 0 | | | | | | 8 | 8 | Yes | S. | 1 | | | 1 | *** | | | | No. |
| 0 | o.N | | 1 | 0 | | | | | | QN V | S. | _S | 10% | S. | - | , | Q. | Q. | 0.5 | o _N | 72 | No |
| 4 | No | • | t | 0 | | , | | • | 1 | oN. | o N | Yes | S. | 2T.D.P. | 1 | | No. | N _O | Š | N _O | Ē | oN N |
| 2 | No | • | ı | 0 | | , | | , | | ON. | SN. | Yes | ON. | 2.T | 1 | | 20% | No | S. | N _O | === | 8 |
| 77 | No | | No | 0 | | - | • | | | ž | 2 | 40% | 40% | 4 | | ı | No. | No. | 1.5 | No | įa | No |
| F | No | 30% | 30% | Ha. | | 4 | | • | | o _N | 20% | No | 50% | 6 T | ı | 1 | 20% | S. | 80 | 2 | No | S _N |
| 2 | No | 9/602 | 30-50% | 20%-50% | No | o.V. | SZ. | No V | S _O | 20% | 20% | 40% | 15% - 85% | Wet-4 T Dry -x T | I | ı | 20% - 80 % | Partly | 30%-70% | 40%_60% | No No | No |
| | Yes | , yes | Yes | 308 | No. | S. | No No | No | No | yes | Yes | Yes | yes | Yes | yes | o _N | yes | yes | yes | Yes | yes | |
| 0 | Yes | yes | Yes | 788 | yes | yes | yes | yes | yes | yes | Yes | Yes | sak | Yes | yes | Yes | yes | уве | yes | ON. | Q. | No |
| | No | No. | No | 110 | No. | ON. | S. | No | S. | No | No | No | No | No | No | Yes | yes | No | No. | No | No | |
| ó | 4.19 | 3.32 | 4.85 | 8.68 | 1.92 | 2 | 2 | ເຕ | ئ. ئ | £.5 | 2 | က | 2 | 0.51 | | 2.94 | 2 | 1.25 | 0.8 | 1 | 2 | S _O |
| a | Yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | Yes | Yes | yes | Yes | ON | Yes | yes | yes | yes | o _N | No. | <u>8</u> |
| * | 15.5 | so. | 8 | 90 | co. | 25 | 7 | 11 | 11 | 25 | 13 | S. | 3.3 | 0 | | 60 | 10 | 60 | 2.5 | 1 0% | rų rū | 80 |
| ** | 67907 | 30983 | 34136 | 78387 | 20986 | 92637 | 44584 | 40295 | 40285 | 86393 | 54043 | 22314 | 14559 | 19578 | 8777 | 34115 | 43267 | 21127 | 6987 | 14618 | 25551 | 27851 |
| 8 | karanja | Mangrulpir | pos | Washim | Tehara | tot | Balapur | ıtır | Murtjapur | kamptee | pau | Ramtek | edeu | Kalmeswer | Mowad | Saoner | itol | Narkhed | Brita | 213 Mouda N.P. | Mahadula N.P. | Kanhan |
| | 199 | ž | 2 | 13 | 100 | IŽ | 122 | 2 | Ξ | 19 | 1-5 | 2 | 15 | 12 | Ĭ | 120 | 12 | 120 | × | 14 | 3 | 12 |

| | S. | Z | | S | No | No | No | S | fertilizer production 6 | No. | ON. | (land filling) | | | No | , | No | 3 | 麦 | |
|----|-----------|------------|-----------|----------------|----------------|--------|----------------|------------|----------------------------|----------------|--------|----------------|--------------------|------------|----------------|--------------|---------|-----------|-----------|----------|
| | S O | 7 | | S. | No. | No | No | S. | S. | N _O | S. | No. | | | 9 | | Yes | Ž | Z | |
| | No | EZ. | | o _N | No | S. | o _N | No | No | No | S. | No | | | No | ı | ON | Z | 芝 | |
| 2 | % % | N | | N _o | S. | oN. | No | No. | No. | °N | No | S. | | | N _O | • | No | Z | Ē | |
| : | No. | Ν̈́ | | No | γ° | No. | Yes | No No | 4 | No | S. | No | Yes | Yes | S. | | Yes | Ī | N. | |
| | ON. | 2 | | ON. | O. | No. | No | No | S. | No. | ON | No | 80% | 80% | 20 | | 20% | Z | E. | |
| 2 | 70% - 30% | 30% | | No. | o _N | No. | 60:40 | S. | No | No. | No | 75 %-25% | %09 | 60:40 | No | | 80:20 | N. | Ē | 0 |
| n | sak | Yes | | yes | Yes | yes | yes | yes | 388 | sak | yes | yes | yes | sex. | Yes | 968 | Yes | yes | yes | |
| 50 | yes, | Yes | * | 2 | No, | yes | yes | yes | yes | yes | yes | sak | yes | yes | sak | yes | Yes | No. | No | |
| _ | No | No | | No | No | QV. | No | No | NO | S. | No | No | No | No | No | No | oN. | No | No | |
| 60 | so. | 1.27 | | N. | 1.08 | 13.48 | 4.72 | 5.32 | 4.86 | 1.39 | 1.07 | 8 | 1.49 | 4.29 | 4.68 | 0.44 | 2.76 | 73 | 1.35 | |
| 40 | yes | yes | yes | 92 | Yes | yes | yes | yes | yes | yes. | yes | yes | \$ 8 \$ | yes | Yes | yes | Yes | yes | yes | |
| 4 | 27 | + | ıı | 40 | 1.5 | 30 | 11 | 20 | 10 | 5 | - | 28 | 60 | 13 | æ | 10 | vo. | 60 | 7.5 | 3177 |
| n | 91845 | 44836 | 22821 | 132813 | 25148 | 106439 | 42822 | 101805 | 30424 | 19288 | 12858 | 89472 | 46532 | 80585 | 54152 | 28675 | 25449 | 36025 | 29541 | 10838138 |
| 2 | Bhandra | ısar | mi | vdia | da | Wardha | | Hinganghat | gaon | Dewali | Sindhi | Ballapur | Warora | Bhadraveti | dchiroli | saiganj | _ | Brahmpuri | Rajura | Total |
| - | 216 Bha | 217 Tumsar | 218 Pawni | 219 Gondia | 220 Tiroda | 21 Wa | 22 Avi | 223 Hin | 224 Pulgaon | 226 Den | | | | 229 Bh | 230 Gadchiroli | 231 Desaigan | 232 Mul | | 22. 88 | |

| By laws are prepared and implemented in the ULB Yes / No | 23 | No. | Yes | e N | yes | seeouduj | inprocess | sesocidu | Š | Inprocess | ON. | 0X | £ | £ | 2 | , | S. | ON. | Yes |
|--|----------|-----------------|---------------------------------|------------------|----------------------------|----------------------------|---|--------------------------------|--|---|---|---|--------------|--|--|---|---|---------------------|----------------------------------|
| Distance of the free St. In K.M. | 22 | Dehenu (B) 70Km | Pelgher 33 Km | 5 KM Ambamath | Kulgaon Badlapur 6 KM | Daharu negar perished | Gopoli 35 Km | pervel municipal council 35km. | penvel municipal councilA class 600m., B class M.C. 80 KM | Roha M.C. 65 KM | Khopoli B class M.C.30 KM, Albeg C class 30 KM | Mopoli B class M.C 50 KM | Parvel 28 KM | A class Pervel M.C. 105 KM, B Class M.C. Khopoli 100 KM | Panvel 150 KM | Khopoli M.C. :56 KM | A dess Panvel 25 Km B Class Khopoli 13 KM | Chiplun appr. 80 KM | Retnagiri Negar Parishad 80km |
| Distance of the nearest Mun.Corporation from ULB, in K.m. | 75 | Bhiwand 90 KM | Vassi virar muncipal corp.54 Km | Uhasmagar 10 KM | Uhasnager Corporation 5 KW | vessi virar muncipal corp. | New Mumbel 8 Km | | | navi mumbel municipal corporation 130 1 | navi mumbel municipel corporation 40 KM | navi mumbei municipal corporation 100 IOM | | | navi mumbai municipai corporation 175 IOA | Kalyan Domblwell Mun.Corporation .45 KM | kalyan Dombhvall 50 KM | Kolhapur MC 120 KM | New Mumbal Mehaneharpalika 250km |
| If no Treatment facility available than from how many years the garbaga is Dumped at the atte ? | 20 | 10 Years | 3 Years | ıΩ | 40-50 Years | 1 | Process done and remaining weste dump at landfall alte | Since 12 years | Since 30 years | From the begaing | From 2013 | ON. | Since 7 Year | Since 8 Years | Z | Since 12 Year | | 1 Year | |
| Wether Saperate Provision is available for treatment of Bio- Medical waste | 19 | 2 | No | yes | yes | 368 | Yes | No | Yes | o _X | ON. | yes | yes | Yes | Q. | Yea. | Yes | yes | Yes |
| Inert Disposed per day in the SLS (Tons) | #0 T* | No | No | 1 | 1 | 1/2 ton | 1 | No | | No | 0 | 0 | S. | | ON | No | : | No | TEI |
| Wether Sanitary Land Fill Site has been developed Yes / No | 41 | No | No. | yes | yes | | Yes. | No | 2 | No | yes | ON. | S. | No | No | SA. | ON | NO. | Yes |
| Name of Municipal Council | 2 | Jawhar | Dahanu | Kulgaon Badtapur | Ambamath | Palghar | Panvel | Khopoli | Alibag | Mahad | Pen | Roha | Uran | Mund Janjira | Shriwardhan | Matheran | Karjat | Ratnagiri | Chiplun |
| Srno | - | - | N | m | 4 | 10 | 9 | - | 0 | a | 10 | F | 12 | 13 | 4 | 18 | 18 | 47 | 18 |

| ដ | \$ | No. | 2 | Z | 92 | No. | yes | No. No | yes | 2 | yes | 8 | yes | yes | yes | yes | yes | Yes | yes |
|----------|--|---------|---|--------------------|--------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|--|-------------------------------|--------------------------------|-------------------------------|---|-------------------------------|---------------------------|----------------------|--|
| 22 | 1.Chiptun M.C. 35 KM 2.Dapoli N.P.27 KM | | Chiplun M.C. 65 KM | chiplun 50 km | Ratnagiri - 50 km. | Retnagiri M.C. 45 KM | Ratnagiri M.C.180 KM | Sawantwadi M.C.30 K.M | Rainagiri M.C.B class 180 KM | Ramagiri M.C.B class 130 KM | Nandgaon M.C. 24 KM /Yewala M.C. 24 KM | Bhagur M.C. 40 KM | Marmad M.C. 24 KM | B class Sangamner M.C. 40 KM | B class Mannad 24 KM B class Kopergeon 19 KM | इगतपुरी नगरपालिका ७० KM | B class Manmed 100 KM | B cless Manmed 70 KM | B class sangemner 55 KM Kopargaon B class 40 KM |
| 17 | | | navi mumbai mumbipai corporation, 190 KM | navi mumbel 250 km | Ratnegirl -50 Km. | Kolhapur Mun.Corporation 110 KM | Kolhapur Mun.Corporation 160 KM | Koftspur Mun.Corporation 160 KM | Kolhapur Mun.Corporation 180 KM | Kolhepur Mun.Corporation 110 KM | Malegaon Mun.Corporation 36 KM | Nashik Mun. Corporation 45 KM | Malegson Mun.Corporation 36 KM | Nashik Mun. Corporation 30 KM | Neathk Mun.Corporation 90 KM | Nashik Mun.Corporation 3ts KM | Nashik Mun.Corporation on | | Ahmadnegar Mun.Corporation 70 KM |
| 70 | Since 40 years | 2 years | £ | 要 | 4 | 63 | Since 25 Year | 1 Year | No. | No | a | Since 50 Year | Since 4 Year | Since 5 Year | Since 4 Year | Since 40-45 Year | 10 | Since 20 to 25 Year | Since 02 Year |
| b | NO * | No | 708 | 2 | 9 | № | yes | 2 | 804, | oN. | No. | Ş. | 2 | No | Sea. | 8 | 368 | ŝ | No. |
| 9 | 1 | No | -N | 7 | Z | o _N | | 5. | No | 4.5 MT | No | No | | No | • | | No | 11 | ٠ |
| | ON. | Yes | 9 | 2 | 2 | 2 | - ON | 8 | No. | sa.i | No. | No. | b | 92 | yes | 9 | 1 | ž | 2 |
| , | Khed | Rajapur | Dapoli | Ghuhagar N.P. | Devrukh N.P. | Lanja N.P. | Sawantwadi | Vengurfa | Malven | Kenkevii | Manmad | Ighatpuri | Nandgaon | Sinner | Yewla | Trambak | Bhagur | Satana | Shrimmpur |
| | 15 X | 22 | 22 | 22 | 22 | 2 | 25 | 98 | 72 | 88 | 28 | 8 | <u>ب</u> | 32 | 5 | 8 | | 36 | 37 |

| 23 | Ē. | Yes | 2 | Ž. | Yest | sea. | Se X | 3,63 | 2 | Yes | | B . | yes | Yes | yes | yea | į | ř. | ž. | ğ | | Yes | , A |
|-----|--|-----------------------------------|--|-------------------------|-----------------------------------|----------------------------------|----------------------------------|----------------------------------|---------------------|---------------------------------------|--------------------|------------------|-------------------|--|--|-----------------------|-----------------------|-----------------------|------------------------|----------------------|----------|--|---|
| ZI. | Shrinampur B cless 55 KM Kopangaon B class | Sharrampur B class 50 KM | Shrinangur B class 27 KM, Decial 12 KM, Rahata 35 KM, Shirdi S5 KM, Parthadi 72 KM Shidnonda 400 Kmmmana 60 KM | Kopergaon 8 cleas 17 KM | Daired B class 25 km | Shirtampur B class to YOA | Shirtempur Biclass 100 KM | Kopergaon B dass 14 KM | Shede 38 KM | A class Nandurbar & B class Dondalche | Nandurbar 37 KM | Nandurber -80 KM | Dondeicha - 44 KM | 1) A Cless Nandurbar 2)8 Cless Shads 28 km | 1) B Class Shripur warwade 2) B Class dondaidha 23 im | Falzpur B Class 20 KM | Chopde B Clees, 36 KM | Amehrer B Class 36 KN | Pachora 50 KM | Challshgach 50 KM | | Bhusaval B Class 17 KM Felzpur B Class 17 KM, Sawda C Class 19 KM | C Cless Bards 22 IOM & Chapde 90 ION Bhusered A Cless 40 ION |
| N | Ahrnadnagar Mun.Corporation 100 KM | Ahmedneger Mun.Corporation 100 KM | Ahmadnagar Mun.Corporation 40 KM | Ahmadnagar 84 KM | Ahmedneger Mun.Corporation 65 (GA | Ahmadnagar Mun.Corporation 55 KM | Ahmednager Mun.Corporation 60 KM | Ahmedrager Mun.Corporation 85 KM | Dhule Mun.cor 96 KM | Dhule Corpo BO KM | Dhule Corpo 120 KM | Dhule 120 KW | Dhule - 58 KM | Dhule 55 lon | Dhule 48 lon | Jalgaon Corp 25 KM | Jalgach Corp 60 KM | Jaigaon Corp , 60 KM | Jalgaon Corp., 80 KM | Jakpaon Corp , 50 KW | | Jalgaon 50KM | Jalgaon, 65 lQJ |
| 20 | • | Since 2 Year | ıю | Since 02 Year | Strice 03 Year | 1 | Shoe 02 Year | Since 05 Year | From 2008 | 2 Years | Since 25 years | | No. | 7 Year | No | Since 5 | Since 10 Year | Since 06 Year | 10 Year | 5 Year | | Since 25 Years | |
| 8 | yes | Yea | yes | sak | yes | yes | o _V | 2 | o _N | S. | Q. | yes | yes | No. | Š | yes | Say. | yea | Medical waste Disposal | ē | | yes | £ |
| | 8 | ł | I | • | Ï | • | 1 | No. | | No | No | | NA | Na Na | No | ** | | No | oN. | 9 | | No | SV. |
| 17 | yes | SV. | No | yas | Yes | yes | ON. | Q | No | No | No | No | o _Z | *** | No. | ON | No | No | No. | ON. | | No | 2 |
| 7 | Sangamner | Kopargaon | Rahuri | Rehata | Shrigonda | Dewlall Pravara | Parthadi | Shridi | Nandurbar | Shada | Taloda | Navapur | Shirpur warwada | Dondaicha warwade | Sindhakheda N.P. | Bhusaval | Amelner | Chopda | Chellahgaon | Pachora | Faizapur | Yawai | Raver |
| | 88 | 88 | 3 | £ | 2 | 3 | 2 | 54 | \$ | 47 | 8 | 3 | 25 | 10 | 2 | 2 | 2 | 22 | 25 | 19 | 20 | 25 | 8 |

| R | | YES | | 8 K | ž, | a K | 89.X | 9€ | ě | № | No. | No. | No | | 2 | 8 | yes | yes | Yes | žąć | sex | , |
|----|------------------------|------------------------|-----------------------------------|---------------------------------------|-----------------------|-------------------------------------|-----------------------------|-------------------------------|------------------------------|-------------------|---------------------|------------------------------------|---|-----------------------|--------------------------|--|--|--|---|--|--|---|
| 23 | Bhusaval A Class 20 KM | Bhusevel A Class 90 KM | Chopde 30 Km Ameher B Class 22 KM | Bhusaval A Class 57 Km & Chopda 52 Km | Bhusaval A Class 29Km | Chafatigaon . 36 Km & Pachora 15 Km | Faltan B Cleas 27 Km | Talegaon B Class 35 KM | lonavale negarperished 30 Km | Beramati NP 45 KM | Beramasi NP 50 KM | Alandi , 80 KM | Serwad C Close 17 KM, Beranuti B Close 50 KM | | Beremeti B Cless 70 K.M. | Talegeon B class M.C. 40 IQA | Talegaon B Clese | Vita B Cless 60 KM | Islampur B Cless 2 0 KM | Islampur B Class 60 KM | Vita B Class 25 KM | With B Close 85 KM |
| 27 | Jalgaon Sawda 50 KM | Druke 35 KM | Jalgaon 34 KM | Jalgaon 32 KM | Jetpson 36 YOM | Jalgaon 65 KW | Pune Mun.Corporation 102 Km | Pimperi Chindhwad Corpo 80 KM | pimpri chinchwad 20Km | PIAC 90 IGM | Pune M.Corpo 135 KM | Ahmadragar Mun.Corporetion , 52 KM | Pure M.Corpo 50 KM | PUNE CORPORATION BOKM | Pune corporation 30Km | Pimperi chichewed Mun.Corporation 05 KM | Pimperi chichewad Mun.Corporation 75 KM | Sanjii-Minij Kupwad Mun.Corporation 50 KM | Sanjil-Mingi Kupwad Mun.Corporation 2 0 KM | Sanjil-Minaj Kupwad Mun.Corporation 60 KM | Serjil-Minij Kupwed Mun.Corporation 25 KM | Senjil Minaj Kupwad Mun.Corporation 100 KM |
| 8 | | Waste was dump | Shrca 05 Year | Since 05 Year | Since 03 Year | Since 05 Year | Since 6 Month | Since 60 Year | Since 25 Year | Above 45 Years | 20 Year | 30 Year | 50 Year | 15 YEARS | 15 years | 6 years | 5 Year | NA | • | WA | g g | Since 10 Year |
| • | 3 | No | 1 | Q. | No. | 2 | 306 | yes | 2 | yes | No | SEA. | yes | ON. | 2 | 986 | S. | R. | 884 | Q | | Yes |
| 2 | No | 10 | á | 7 MT | 1.0 | 7 MT | 0 | Na | | | No | No. | W- | Nii | #Z | 2 | | 18 | 1 | 45 | | |
| | yes | No | | | saí | | No | No | 8 | No. | No | 8 | 88 | Q | 8 | 2 | No. | yes | 2 | yes | 565 | 9 |
| • | Sawda | Parola | Dharangaon | Earandol | Jaminer | Bhadgaon | Вагатай | Lonawala | Talegaon Dabhade | Daund | Indapur | Shinr | Jejuń | Bhor | Saswad | Alandi | Juner | slampur | Astha | Vita | Tasgaon | Jat N.P. |
| | 20 | 62 Pi | 53 | 2 | 99 | 99 | 67 B | 89 | 69 | 0,0 | 71 | 72 S | 2 | 74 8 | 75 | 97 A | | 78 | 79 A | > 08 | £ | 82 |

| 22 | 25X | yes | 368 | No | yes | 2 | yes | yes | No | yes. | yes. | £ | | No | yes | Yes | yes | | y yes | 옾 | yes | No. | No |
|----------|---|--|----------------|---|---|---|----------------------|-----------------------|--|-------------------|-------------------|-----------------|----------------|--------------|---------------------------|-----------------------------|-------------|---------------|-----------------------------|------------------------------|---------------------------------|---|---------------------------|
| z | Karad 50 KM, Faltan 60KM. | Satara A Class 52 KM Islampur B Class 30 KM | Benemeti 24 KM | Satara A Cless 52 KM Islampur B Class 30 KM | 1)Seters A Cless 90 KM 2) Karad B Cless 90 KM 3) Faltal B Cless 70 KM | 1. Satura A Class 35 KM, Faltan B class 75 km | Satara A Cleas 45 KM | Setzira A Class 60 KM | A class satura 60 KM & B class kared 4 KM | Pendharpur -80 KM | Barshi - A - 90KM | Pandhapur 31 KM | | Solspur-45KM | Panchapur B class - 25 lm | pandharpur B class - 125 lm | maindargl15 | Bershi 30 KM | Jalsingpur B Class 15 KM | Ichelkaranji A Class 15 KM | Penhala 40 KM | Ichelkaranji A Class 75 KW.& Jelsingpur B Class | Ichalkaranji A Class28 KM |
| 17 | Sanjir-Miraj Kupwao , yot Mun.Corporation , Kohapur Mun.Corporation | Kolhapur Corporation 75 KM Sarjii Corporation 75 KM | Pune , 110/04 | Pune 140 KM Kolhapur 110KM | Solepur Corporation 130 km | Pune Mun.Corporation 90km | Pune 100 時:用 | Pune 120 KM | Kohrapur Mun. Corpo 75 KM & sengliminskupwed Mun. Corpo 75 KM | Solepur -70KM | Solepur - 72 Km | Solapur -95 KM | | Solapur-45KM | Solapur 55km | solepur 50 | solepur 61 | solapur 85 KM | Kothapur 30 KM | Sanjii Mun.Corporation 10 KM | Kolhapur Mun, Corporation 48 KM | Kolhapur Mun.Corporation 50 KM | Kohapur - 20 KM |
| P. | 10 Year | 30 Year | 12 Year | 2 Year | 17 Year | 6 Year | From begrinking | No | 20 years | Q. | No | 30 years | | Yes | 0 | 10 | 20 | 1 Year | 2 Year | 4 Year | | 1 Year | 10 Year |
| <u> </u> | yes | yes | yes | No. | , c | 804 | hea | 368 | # T | yes | Yes | No | | Yes | \$24. | No | yes | yes | s sak | yes | yes | yes | sak |
| 9 | No | No | No | | TM1 | No | No | Ş | S. | No. | No | | o _N | 9 <u>V</u> | 0.05 | ę. | 0.014 | | 1 | 15T | | 1 | |
| | No | No | No | S. | 368 | 2 | S. | No. | No. | S. | ON. | yes | | No | yes | ON. | yes | yes | No | 2 | | No | No |
| 7 | Satara | Karad | Faitan | Rahimatpur | Mahswad | Wai | Panchgini | Mahabalestwar | Malkapur (satara) | Barshi | Pandharpur | Karmala | Sangola | Akkalkot | Mangalwedha | Maidaryi | Dudhani | Kurduwadi | Ichaikaranji | Jaisingpur | Malkapur | Murgud | Wadgacn |
| • | 83 | 128 | 19 | 28 | 87 | 88 | 88 | 98 | 2 | 92 | 93 | 2 | 96 | 96 | 97 | 98 | 88 | 100 | 101 | 102 | 103 | _ | 106 |

| 2 | 2 | yes | 8 | Yes | yes | No. | | 768 768 | 8 | yes | € | yes | Yes | yes | yes | \$. | yes | Na. | No. | ₽ | No. | |
|----|-------------------------------|--|----------------------------|--|------------------------------|-------------------|---------------------------|------------------|------------------|------------------|----------------|------------------|-----------------|------------------|------------------|---------------|-------------------|---------------------------------------|--|------------------------------------|-----------------|------------------|
| 23 | Jaishngpur B Class 90 KM | ichalkaranji A Cleas 17 KM 8. 4 Jaishgpur B Cleas 12 KM | Ichelteranji A Class 35 KM | Idhaftaranji A Cleas 65 KM, 4 Jalaingpur B Cleas 80 | Bhokarden | % * | B Class yevis / Kopargaon | Valjapur | Sled M.C. 67 KM | Slind M.C.65 KM | Perbhani 40 KM | Gangalched 40 KM | Gangakhed 85 KM | Gangalched 45 KM | Gengelthed Ct KM | | 50 len Gangalched | Bearnat B class 65 KM | hangoi municipat council 65km | hingoil municipal council 18 51 KM | Ambed 28 KM | Jeha 28 KM |
| | Kohapur Mun.Corporation 70 KM | 25 KM Sangil Miraj Kupwad Yes | Kothapur corporation 18 KM | Kolhapur corporation22 KM | Aurangabad corporation 60 KM | 50 KM. Aurangabed | Aurangabad 85 KM | Aurengabad 45 KM | Aurangabed 30 km | Aurangabad 70 KM | Perbhani 40 KM | Pathiani 78 KM | Perbharil 38 KM | Parbhari 35 KM | Parbhani 52 KM | Parbhani 42KM | 45 km | Perbhani 75 KM | nanded waghala munkipal corporation 29 km | | Aurangabad 80KM | Aurangabed 70 KM |
| 70 | Since 20 Year | • | Since 02 Year | 5Year | 3 Year | Since 2.5Year | 1 | 10 | 01-05-2004 | 12 years | • | | | OV | | 7 | • | 10 | Since 6 month | No. | 25 Year | |
| • | yes | sak | yes | ON | ON | ON | yes | yes | No | 2 | No | yes | 2 | No | 2 | yes | sak | S S S S S S S S S S S S S S S S S S S | No. | ON. | sak. | - N |
| 2 | | | | 0.60 MT | 0 | o | ±09 | 0 | 0 | 2 | No | 10% | | 30% | 2 | 2 | OU | 0 | No | Ç. | QV. | Ī |
| = | yes | | 2 | | 80.6 | 2 | No. | 306 | yes | EV. | 2 | yes | Yes | yes | 5 | Q. | 88 4 | No | No. | Š | No | No |
| • | Gadhingalj | Kurundwad | Kegai | Panhela | Silod | 111 Paithan | Valjapur | Gangapur | Khultabad | Kannæd | Gangakhed | Snpeth | Puma | Marwat | Seiffu | Jirtur | Pathri | Hingoli | Basmetnagar | Kalamnuri | Jaina | Ambad |
| | 106 | 107 X | 108 X | 8 | 110 | E | 112 | 113 | 4 | # 20 20 | 116 | 117 S | £ 6 | 118 | 120 | <u></u> | 22 | 123 H | 121 BB | 125 X | 128 Je | 127 A |

| 3 | No. | yes | yes | yes | yes | 884 | | sek | | 8 | • | 8 | | • | 2 | Yes | S. | S. | S. | 2 | Š | sax. |
|-----|--------------------|---------------------|--|--|--------------------------------------|---|---|--|--|-------------------|----------------------------|--|----------------------|-------------------------------------|---|---------------------|-----------------------|-------------------|-------------------|-----------------|---------------|---------------|
| 3 | Jaha 51 KM A Class | Jahna A Class 80 KM | Degloor B Class 60 KM | Degloor B Cless 80 Km | Degloor B Class 100 | Degloor B Class 95 | Umerkhed 12 KM | Degloor B Clase 60 KM | Udgir 57 KM | deglur 35 | B-Class M.C. Pused 90 K.M. | | Degloor M.C. 125 Km | Pused Municipal 45 Km | Degloor B Class 120 KM | Udgir B Class 24 KM | Udgir,B class , 60 KM | | | Usmanabad 60 km | Tuğapur 60 | 9 |
| 12 | Aurangabed 80 KM | Aurangabed 110 KM | mended waghele municipal corporation 80 | nanded waghale municipal corporation50 | nanded waghale municipal corporation | minited waghala municipal corporation 52 | manded waghels municipal corporation 62 KM | nended wagtels municipal corporation 80 | named wagnete municipal corporation 84 KM | nended waghala BO | Nanded M.corpo 150 K.M. | mended waghtale municipal corporation 50 KM | nanded waghala 50 km | Nended Municipal Corporation 120 Km | nanded waghale municipal corporation 26 KM | Letur 20 KM | Letur, 52 KM | Letur corpo 85 tm | Latur corpo 65 km | Leebur , 60 KM | Lettr 70 | Solapur 65 KM |
| 70 | 2 | 10 Year | 9 | a | | • | | 01 | No | 1 | B Year | Composting | | 2 Years | | some extent | 5 years | 7 years | 7 years | 5 years | Since 10 Year | 5 |
| n - | No | Νο | ON. | SO. | No | No | | No | No | 9 | No | No | • | Ŷ. | 8 | No. | yes | No | 8 | 变 | yes | yes |
| 10 | | 0 | 5 | F | ю | 0 | | G. | | 80 | (*) | 2 | | | 1 | No | <u>8</u> | No | No | Ē. | No. | No |
| 11 | 0.4 | o | yes | yes | yes | sak | | yes | sak | saí | • | No | 2 | o _N | - N | No | Yes | Yes | Yes | 7 | N | ON. |
| 7 | Bhokardan | Partur | Bilon | Peth Umri | Mudkhed | Khandher | Hadgaon | Dharmabad | Deglur | Mukhed | Kirwat | Loha | Bhokardan | Mahur N.P. | Ardhapur N.P. | Ausa | Nilanga | Ahmadour | Udgir | Kalamb | Umanga | Osmanabad |
| | 128 Bi | 129 PI | 130 | 131 P | 132 M | £ 55 | 7 | 136 D | 136 D | 137 M | 138 X | 138 | 140 B | 141 N | 142 A | 143 | 4 4 N | 148 | 146 | 147 K | 148 | 149 |

| 3 | S. | 2 | Š | No. | 2 | 2 | 5 <u>6</u> | yes | | S. | Yes | yes | | | yes | Ϋ́ | yes | 2 | No. | | 2 | Š |
|-------|----------------------|----------------------|-------------|---------------------|-----------|---|-------------------|------------------------------|-------------------------|---------------------|--------------|---------------|-------------------------|--------------------------|-------------------------|---------------------------|-------------------------|------------------|----------------|---------|-----------------|-------------------|
| 22 | Usmanabad B Class 20 | Usmenshad B Class 40 | Beruhl 50 | Usmanabad B Cless60 | Umanga 20 | 1. Degicor B Class 70 KM, Dhasrmabad 13 KM, Biloil 7 KM | Mejalgaon 75 KM | Peril Vajinath B Class 25 KM | Ambejogai & wanud 23 KM | Ohanur 44 KM | Bred 35 KM | NO | Ambejogai B Class 30 KM | Atole | Shegaon 20 KM | Nembura 30 KM | Khempson 18 KM | Shegaon 50 KM | Chinal 45 KM | | Buddhana -25 KM | Jeins 26 KM |
| 7 | Solepur 40 | Solepur 40 | Solepur 100 | Latur 130 | Lerbar 80 | Nanded Waghala 90 KM | Aurangebad 132 KM | Latur 50 KM | Latur corpo 100 KM | Parbhanlcorpo 70 KM | 4KM | Later 100 KM | Latur, 70 KM | Akala Corporation 110 KM | Atola Corporation 30 KM | Alcola Corporation 90 KIM | Aiola Corporation 60 KM | Atola,100 KM | Akole,100 KM | | Akola 60 KM | Aurengabad 90 KM |
| 20 | 10 | 10 | 10 | 10 | 10 | vermi compost | Since 03 Year | brocess is done | | Since 04 Year | Since 10Year | Since 05 Year | 5 Year | Since 10 Year | 20 | 10 | | Since 2011 Years | No. | | 2007 | 1 Year |
| pa pr | yes | yes | yes | sox | 768 | No | sa.í | yes | 72. | No | Na | yes | No. | No | Š | No. | Š | No | Ν | Yes | 2 | yes |
| 9 | ON. | No | No | No | No | 1.8 MT | No. | ı | OI. | No | No | | | No | 9 2 | Ž. | | No | No | Z | 2 | Z |
| 4 | S. | No | No. | O. | 2 | Yes | 9 | yes | 7 | N | Yes | W. | No. | No. | ON. | ON | No | N _O | N _O | ON. | 0 2 | Partiy Develope |
| N | | Turjapur Naidurga | Paranda | Bhoom | Murum | Kundalwadi | Beed | Ambejogal | Pareli Valjanath | Manjelgson | Georai | Dharur | Kej | Buidhana | Кћатраоп | Malkapur | Shegaon | Jalgaon jamod | Mehkar | Nandura | Chikhali | 171 Deolgaon raja |
| | 25 | 151 N | 162 P | 53 | 164 N | 25 X | 981 | 157 | 158 | 169 | 160 | 191 | 162 | 163 | 2 | 165 | 99 | 167 | 168 | 169 | 170 | = |

| 23 | implementation No | yes | No | | | 2 | No | | 3,68 | No | No. | yes | No | No | No | 2 | ž | 92 | yes | yes | No. | No |
|----------|----------------------|--------------------|----------------------------|----------------------------|--|----------------------------|--------------------------|---------------------------|--|---------------------------------------|----------------------------|---------------------------|---------------------------|--|----------------------------|---------------------------|--------------------------------|----------------------|------------------------------|--------------------------|------------------------------|---|
| 22 | Buidhana 90 KM | 70 K.M. KHAMGADN | Anjangaonsurji 25 KM | A class Achabur M.C 30 km | 90 K.M.Achalpur M.C.& Anjangaonaurji b cleas 120 K.M. | Wand 35 KM. | A class Achabur- 65 KM | 18 Km. Dhemangeon Rly | Amravast Corporation 30 Km. Achebur M.C. A Grade | 55 Km Yavatmai M C A Grade | Wand 9 KM. | Achabur 30 KM | Pandharkwda 75 KM | A Class Yavetmal 46 KM, B Class Pusad 55 KM. | A Class Yavetmal 35 KM | Pused 30 KM | A Class Yavetmal 100 KM | Pusadí 42 Km | A Cless Yevermel 70 KM | A Class Yavetnel 11 • KM | Derwha 25 KM | A Class Yavstmal: 42 KM, Darwha : 37 KM |
| N. | Akala 130 KM | 100 K.M.AURANGABAD | Amareved corporation 50 KM | annavati corporation 80 km | Ameraved M.corpo 86 K.M. | 55 Km Amravati Corporation | Amayed Corporation KM 52 | 30 Km Amavati Corporation | 30 Km American Corporation 3 | 52 Km Amerati Musicipal Carporation 5 | Annavad Corporation 108 KM | Amevati Corporation 90 KM | Amavati Corporation 92 KM | Amened Corporation 95 KM K | Amavati Corporation 120 KM | Annavad Corporation 75 KM | Anrawasi Corporation: 158 KM A | Narded Waghala 70 KM | Anneved Corporation 160 KM A | Chandrapur 70 KM A | Amravati Corporation 58 KM D | Amavati Corporation 145 KM |
| 20 | No. | | | 5 years | 2 | 콑 | Since O.5 Years | Z | 建乙 | Since 01 Years | · | pince 2003 | Since 2008 | From begnining | Since 1 Year | Since 2008 | Since 15 Year | Since 2007 | Since 8 Months | Since 10 Years | Since 01 Years | Since 01 Years |
| P | No. | No. | yes | No | No | ou. | Yes | Z | °Z | 8 | No | 884 | No | No | No | No | 3 | No. | No | No | No | N |
| 0 | | 0 | 18 T | No | No | - | 1 | Ÿ. | ΞŽ. | EN. | ı | No | | Т9 | No | ON. | 5. | No | No | No | No | 8 |
| = | Yes | No | yes | No | No | sak | 1 | ž | 368 | Yes | yes | No | No. | şak | No | S. | ğ | sak | se. | No | yes | No |
| 4 | Lonar | Sindakhed raja | Achapur | Anjangaon Surji | Wand | Morshi | Daryapur | Chandur railway | Chandur Bazar | Dhamangaon | Shandurjanaghat | Chikhaidara | 184 Yavaimai | 186 Darwha | Ghatanji | Digras | Pused | Umarkhed | Pandharkwda | wani | ner-nababpur | Ami |
| | 172 | 173 | 174 | 175 | 178 | 171 | 12g | 179 | 92 | 181 | 182 | 183 | 2 | 186 | 186 | 187 | 488 | 188 | 8 | 191 | | 183 |

| | | 196 | 196 R | 197 V | 198 | 498 | 200 | 201 P | | 203 FG | 70¢ | 208 R | 206 Khapa | 207 K | 208 M | 208 | | Z11 N | Z12 M | | | 216 K |
|----|--|-------------------------|--------------------------|--|-------------------------|-------------------------|-------------------------|-------------------------|---|-------------------|--|----------|--------------------------|--------------------------|----------------|---------------------------|---|---------------------------|-----------------------|---------------------------|--------------------------|--------|
| 7 | karanja | Mangrulpir | Risod | Washim | Telhara | Akot | Balapur | Patur | Murtijapur | kamptee | Umred | Ramtek | Chapa | Kalmeswer | Mowad | Saoner | Katol | Narkhed | Mohpa | Mouda N.P. | Mahadula N.P. | Kanhan |
| | ON | <u>8</u> | S. | DJ. | | | | • | yes | N _O | No | No. | sak | Yes | o _N | Yes | yes | No. | yes | NO. | ou | No |
| | , | t | ı | 00 | | • | • | | | No. | No | oN N | No | 2.T | 1 | | 9 | No | No. | ON. | | 60 |
| 2 | Yes | Yes | No | yes | | | | ŀ | Š | yes | Yes | Yes | No | No | No | No | yes | S. | No | 8 | 2 | No |
| 27 | Since 10 Years | Since 07 Years | Since 05 Years | from 2003 | 2 | 6 | 2 Year | 5 Year | 5 Year | 10 years | 4 Month | | process is done | No | 1 | Since 2 Year | Since 2 Year | Since 5 Year | N.A. | Since 2 Year | last 1.1 year | ON |
| | Amravati Corporation 65 KM | Akola Corporation 65 KM | Akola Corporation 110 KM | akoła m c80 km | Akola Corporation 60 KM | Akola Corporation 45 KM | Akola Corporation 25 KM | Akola Corporation 42 KM | Akola Corporation 42 KM | N.MC. 16 km. | Nagpur corporation 47 KM | | Nagpur corporation 40 KM | Nagpur corporation 21 KM | Negpur 100 KM | Nagpur corporation 38 KM | Nagpur corporation 60 KM | Nagpur 100 KM | Nagpur 34 KM | नागपुर ३५KM | Nagour Caraoration 15 km | 2 KM |
| 77 | Washim B Class 65 KMYavatmal A Class 85 KM | Kamja B Class 27 KM | Washim B Class 40 KM | mangrulpir cgrade-37km &risod cgrade40 | Akot 30 KM | | | | Karanja Dist, Washim 33 K.M. & Akol D. Akola 62 Km | Kanhan N. P 4 km. | Mouda C class 45 KM Pavrii C Class 40 KM | | Kamptee B Class 35 KM | Mohpa M.C. C class 18 KM | Narkhed 11 KM | Kamplee M.C.B class 32 KM | Nagpur corporation A Cless 60 KM & Kemptee M.C.B class 76 Km | Katol 35 KM & Mowad 10 KM | Kamthee B Class 50 KM | Kamptee ulb B class 40 KM | Marchen of a rest of the | 5 KM |
| 23 | S. | yes | No. | yes | | | | yes | yes | yes | Yes | Yes | Yes | Yes | ļ! | No | Yes | Yes | Yes | 2 | 1 | 2 |

| 23 | Yes | 3 | 20 | yes | Yes | sak | yes | ž | s ex | yes | şek | yeso | X8 | yes | No | 2 | ¥ | Z | yes | |
|--------------|-----------------------|---|-------|-----------------------------------|----------------------------------|--------------|----------------|---------------|--|----------------|----------------|--------------|------------------------------|----------------------------------|------------------------------|-------------------------------|--------------------|-----------|-------------------------|-------|
| 22 | Gondia A class 80 KM, | Gondia A class 63 KM, Bhandra B class 32 KM | | A-Wardha 192 KM, B-Bhandra 100 KM | A-Wardha 160 KM, B-Bhandra 50 KM | B-45 | A-Wardha 56 KM | A-Wardha 40KM | A-Wardha 30 KM | A-Wardha 16 KM | A-Wardha 40 KM | Rajura 8 KM | Bhadrayati 24 KM | warora 24 KM | | Gadchiroll M.C. B class 52 Km | Baltarpur - 59 Km | 雯 | Bellarpur B Class 14 km | |
| 21 | Nagpur 64 KM | Nagpur 93 KM | | Nagpur 130 KM | Nagpur 110 KM | Nagpur 75 KM | Nagpur 110 KM | Nagpur 75 KM | Negpur 120 KM & Amaravati 75 KM A-Wardha 30 KM | Nagpur 100 KM | Nagpur 50 KM | | Chandrapur corporation 45 KM | Chandrapur corporation 2 5 KM | Chandrapur corporation 83 KM | Nagpur 125 KM | Chandrapur - 47 Km | 22 | Chandrapur 29km | |
| 20 | Since 10 Year | 7 years | | 2 | Since 06 Year | N | No | 60 | From 2013 | Since 6 Year | Since 6 Year | Since 7 Year | ₹ | 2 | Q. | 2 | 2 | 2 | 2 | |
| th. | yes | Yes | | yes | Yes | yes | No | No | No | o _N | ON. | yes | yes | yes | QN. | ON. | yes | Z | yes | |
| - | No | 2 | | N _O | No. | No | No | ON. | No. | N _N | No | No | | 20% | No | | QN | E. | No | |
| 17 | yes, | No | | No | ON. | yes | yes | No | yes | yes | N _D | No | yes | yes | No. | No | ON | #Z | No | |
| м | Bhandra | Tumsar | Pawni | Gondia | Tiroda | Wardha | Arvi | Hinganghat | 224 Pulgaon | Dewaii | Sindhi | Ballapur | Warora | Bhadravati | Gadchiroli | Desaiganj | Mul | Brahmpuri | Rajura | Total |
| - | 216 | 217 | 218 | 219 | 822 | 122 | 77 | H | 72 | \$22 | 22 | - | 822 | 228 | ន្ត | 122 | 232 | 222 | 72 | |

SQP

IN THE HIGH COURT OF JUDICATURE AT BOMBAY CIVIL APPELLATE JURISDICTION WRIT PETITION NO.1740 OF 1998

WITH

CIVIL APPLICATION NO.9100 OF 1998

WITH

CIVIL APPLICATION NO.6199 OF 1999

Vinay Laxman Tatke

Versus

The Navi Mumbai Municipal

Corporation & Ors.

...Petitioner

...Respondents

CIVIL APPLICATION NO. 9099 OF 1998

WRIT PETITION NO. 1740 OF 1998

Petroleum Employees Union & Aur.

...Applicants

Versus

The Navi Mumbai Municipal Corporation

& Ors.

...Respondents

WITH
APPLICATION NO.680 OF 2001

IN

WRIT PETITION NO.1740 OF 1998

Sidhi Vinayak Owners Association & Ors.

...Applicants

Versus

The Navi Mumbai Municipal Corporation

& Ors.

...Respondents

WITH

WRIT PETITION NO.4542 OF 2012

M/s.Ramtekdi Industries Association,

through Secretary Balaji Mane & Ors.

...Petitioners

Versus

State of Maharashtra, through Secretary,

Urban Development Dept. & Ors.

...Respondents

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WITH CIVIL APPLICATION NO.388 OF 2002 IN WRIT PETITION NO.4542 OF 2012

The Navi Mumbai Municipal Corporation & Ors.

Versus

Vinay Laxman Tatke & Ors.

Applicants

Respondents

WITH PUBLIC INTEREST LITIGATION NO.58 OF 2013

Madan Aanandrao Purekar Versus

Kolhapur Municipal Corporation

through Commissioner & Oss.

...Petitioners

...Respondents

PUBLIC INTEREST LITIGATION NO.61 OF 2010

Kalyan Ambernath Manufacturers

Association (KAMA)

Versus \

...Petitioners

Gram Panchayat, Sagaon & Ors.

...Respondents

WITH

PUBLIC INTEREST LITIGATION NO.96 OF 2009

Narayan Namdeo Yadav & Anr.

...Petitioners

Versus

The Municipal Corporation & Ors.

...Respondents

WITH PUBLIC INTEREST LITIGATION NO.98 OF 2005

Vasant Mhatre

...Petitioner

Versus

Navi Mumbai Municipal Corporation & Ors.

...Respondents

SQ Pathan

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WITH **CIVIL APPLICATION NO.51 OF 2013**

PUBLIC INTEREST LITIGATION NO.98 OF 2005

The Secretary, Urban Development Department & Ors.

Versus

Vasant Mhatre & Ors.

pplicants

WITH

PUBLIC INTEREST LITIGATION NO.137 OF 2005

Jagdish Chhotalal Gandhi & Anr. Versus

The Chief Secretary & Ors.

.Petitioners

...Respondents

ON-NO.80 OF 2012

PUBLIC INTEREST LITIGATION NO.137 OF 2005

Jagdish Chhotalal Gandhi & Anr.

...Petitioners

Versus

The Chief Secretary & Ors.

...Respondents

WITH

PUBLIC INTEREST LITIGATION NO.161 OF 2012

adashiv Shriram Jadhav (Katkari)

...Petitioners

The Ambernath Municipal Council,

through Chief Officer & Ors.

...Respondents

WITH

PUBLIC INTEREST LITIGATION NO.165 OF 2009

Dharavi Baitt Bachao Samiti & Anr.

...Petitioners

Versus

State of Maharashtra & Ors.

...Respondents

SQ Pathan

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WITH PUBLIC INTEREST LITIGATION NO.182 OF 2009

Kaustubha Dattatraya Gokhale & Ors.

...Petitioners

Versus

State of Maharashtra & Ors.

...Respondents

WITH

PUBLIC INTEREST LITIGATION NO. 217 OF 2009

Pandurang Patil

...Petitioners

Versus

Municipal Corporation of Greater Bombay

...Respondents

WIT

CONTEMPT PETITION NO.387 OF 2012

Narayan s/o.Namdeo Yadav & Anr.

...Petitioners

Versus

The Municipal Corporation, Nashik & Ors.

...Respondents

Mr.Girish Kulkarni with Mr.Vijayendra Purohit i/b M/s.M.K.Ambalal & Co. for Petitioner in WP/1740/1998

Mr.A.A.Garge for Responent-Navi Mumbai Municipal Corporation

Mr.RH Chande for Respondent No.9 in WP/1740/1998

Mr. Makarand Kale i/b M.P. Vashi & Asso. PIL/61/2010

Ms. Tanmayi Gadre i/b Mr. Rahul Thakur for Petitioner in PIL/98/2005

Mr.B.D.Joshi for Petitioners in PIL/96/2009 & CP/387/2012

Mr.Jagdish Gandhi, petitioner in-person in PIL/137/2005

Mr.D.A.Dube for Respondent-U.O.I. In PIL/137/2006

Mr.Milind Sathe, Sr.Advocae with Mr.A.S.Doctor, Ms.Roshan Pinto i/b

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Mulla & Mulla & Craigie Blunt & Caroe for petitioners in WP/4542/2018

Ms.Deepa Chavan with Shyamali Gadre i/b Little & Co. for Resp. MIDC in WP/1740/1998, PIL/98/2005, PIL/61/2010

Ms.Sharmila Deshmukh for Respondent No.5 in PIL/61/2010 & for Resp. No.5 in PIL/61/2010 & for Resp. Nos.6 & 7 in PIL/18272009

Mr.M.L. Patil for Resp. No.1 in PIL/96/2009

Mr.G.S.Hegde for Respondent No.3 in PIL/98/2005

Mr.R.D.Soni i/b M/s.Ram & Co. for Petitioners in OS WP/311/2012

Mr.S.K. Shinde, G.P. With S.D. Patil, AGR, for Resp. State in Appellate Side matters

Mr.N.R.Prajapati for U.O.I. in PN 182/2009

Mr.I.M. Khairdi with Mr.A.S.Rao, for Respondent Nos.2 & 3

Mr.R.V.Govilkar for Resondent No.8 in WP/1740/1998 & Respondent No.5 in PIL/98/2005

Ms. S. Mali i b-Ashok Purohit & Co. for Petitioner in PIL/165/2009

Mr.Rakesh L. Singh i/b M.V. Kini & co. for Resp. Airport Authority of India

Mr.A.P. Kulkarni for PMC

Ms.Madhubala Kajle, AGP, for state in WP/311/2012

Mr.D.A. Nalawade, GP, for Resp. State in PIL/131/2012

Mr.R.R. Bhosale, AGP for State in PIL/1/2013

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Ms.Gayatri Singh for Petitioner in PIL/131/2012

Ms.Mandakini Singh with Ms.K.Bagalia & Ms.Chitra Phadke for Resp MMRDA

Mr.D.M. Gupte for Resp. No.3 in WP/4542/2012

Mr.N.C. Walimbe for Resp. No.4 in WP/4542/2012

Dr.G.R. Sharma with D.P. Singh for Resp. UOI in PIL/1/2013

Mr.S.U. Kamdar, Sr. Adv. with Ms.S.M. Modle and Ms. Yamuna Parekh for Resp. MMC

Mr.R.V. Desai, Sr.Adv. with Mr.A.M. Sethna, Mr.Parag Vyas &

Ms. Poornima Awasthi for U.O.I. in RIL/131/2012

CORAM:- A.M.KHANWILKAR AND A.P.BHANGALE, JJ. DATED:- APRIL 2, 2013

P.C.

- 1. Pursuant to the observations made by us during the hearing, we requested the Counsel for the parties to prepare draft Minutes of the Order which can be taken on record and order passed on those terms.
- 2. We are glad to place on record the fair stand taken by the learned Government Pleader and including the Officials who were assisting him in the matter on the broad contours of the directions to be passed by this

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Court. The same are articulated in the form of draft Minutes of Order in the joint meeting held between them along with the Counsel for the petitioners and other parties. The draft Minutes of Order so prepared is placed before us, which is taken on record and marked 'X'. The terms therein are reproduced below:

"Draft Minutes of the Order

For implementation of Solid Waste (Management & Handling) Rules, 2000 (MSW Rules) and for segregation, management, treatment and disposal of solid waste in the areas of various local authorities, throughout the State of Maharashara following directions are given.

2. For the aforesaid purpose, the State of Maharashtra shall be considered into four regions as follows:

(1) Konkan, (2) Western Maharashtra,

(3) Vidharbha and

(4) Marathwada

3. The local authorities shall be divided into following categories: Wrban Local Authorities:

(a) Municipal Corporations Other Authorities:

(b) Municipal Councils

(a) Zilla Parishad

(b) Taluka Panchayat and

(c) Village Panchayat

The following officers shall be designated as Nodal officers/Authorized officers who will be incharge and responsible for implementation of the MSW Rules and these directions:

(1)Divisional Commissioner for the Districts within his jurisdiction;

(2)Municipal Commissioner / Additional Commissioner for Municipal Corporation areas;

Chief Officer-Municipal Council;

District Collector for the entire district in respect of all other local (4) authorities.

(a) The Secretary Urban Development Department (UDD) shall be overall incharge as per MSW Rules 2000 (Rule 5). The Secretary UDD in addition to being primarily responsible for

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implementation of MSW Rules shall also be responsible for supervising and monitoring functioning of all other authorities:

(b) The responsibility of the aforesaid Nodal Officers/Authorized Officers will include all issues relating to solid waste management from identification of the land fill site, dumping sites, waste treatment facility sites, obtaining requisite permissions from Maharashtra Pollution Control Board (MPCB), segregation and transport of solid waste the treatment of solid waste and all other related matters.

6. The general issues shall be classified on the basis of availability of facilities with local authority for the aforesaid purposes as follows:

(a) local authorities which do not have designated / approved dumping site/land fill sites at all,

(b) the local authorities which have such sites available at present but are inadequate,

(c) the local authorities which have sites which are being operated as land fill sites/dumping grounds but are non-compliant with MSW Rules and MPCB authorization and

(d) the local authorities which do not have provisions of solid waste treatment facilities.

Re: Local authorities which do not have the land fill sites/dumping ground:

7. (a) The authorized officer / local authority shall take steps for acquisition of notified / designated site for this purpose either in the Regional Plan or the Development Plan within a period of two weeks either under the provisions of Land Acquisition Act, 1894, Maharashtra Regional & Town Planning Act, 1966 or by mutual agreement with land owners.

(b) The process of selection and acquisition of sites including taking possession shall be completed expeditiously and not later than six weeks in accordance with, the guidelines prescribed in the Government Resolution dated 5th October 2012, Annexure-1 as well as GR dated 26th August, 2003.

(c) The selection of site shall also take into consideration appropriateness and suitability of site from viewpoint of CRZ Notification, EIA Notification and other Environmental Laws including Forest Laws as applicable.

(d) Wherever the Local Authority has an approved authorized site for land fill / dumping, the local authority shall immediately take steps to make it operational for that purpose within a period of 4 weeks.

(e) On selection, identification and acquisition of sites, the local authorities shall make the appropriate application not later than two

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weeks after taking possession of site, to the Pollution Control Board under Rule 6 of MSW Rules for authorization.

(f) The MPCB shall process the application and grant the authorization in accordance with the provisions of Air Act and Water Act and MSW Rules 2000 preferably within a period of two weeks end not later than from receipt of application complete in all respects.

(g) On the aforesaid compliances the site shall be used by the concerned local authorities for land fill /dumping strictly in accordance with the MSW Rules 2000 and authorization granted by MPCB.

(h) The Nodal Officers/Authorized Officer shall monitor periodically the operation of such sites and compliance with MSW Rules and MPCB authorization on fortnightly basis and make report and take remedial measures to ensure compliance.

(i) In case there are no designated notified sites the State Government shall assist such Local authority to identify, select and acquire the requisite site and notify or designate the same for land fill / dumping of MSW. The State Government shall initiate steps for this purpose preferably within two weeks from this order and complete the process as per statutory provisions for designation of the site.

(j) In case the site designated within the area of local authorities is encroached upon the local authorities shall initiate action for removal of encroachment within two weeks, including but not limited to, in accordance with the relevant Municipal law or the Maharashtra Land Revenue Code as the case may be for eviction of such unauthorized encroachers. In the event of such actions being taken no Court or authority in the State shall entertain any application or proceedings or suit in respect of such eviction and any such proceeding shall be filed only in this Court.

In ease there are any proceedings pending / orders passed in respect of any sites within the jurisdiction of Local Authority, such authority shall immediately take steps to get the stay orders vacated and / or bring it to the notice of this Court for appropriate directions.

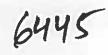
Re: Local authorities which have inadequate facilities:

8. (a) The local authority will assess the need for the sites by taking into account the existing population and growth of population upto atleast next 30 years.

(b) The local authorities shall take steps for selection, identification and acquisition of additional sites by following the directions in the preceding paragraph under the heading "Re: Local authorities which do not have the land fill sites / dumping grounds."

Re: The Local authorities which have facilities which are noncompliant with MSW Rules 2000 and MPCB authorization:

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- 9. The MPCB shall make report in respect of each of the designated dumping site within jurisdiction of all Municipal Corporations, Municipal Councils and Panchayats to ensure Compliance with MSW Rules and these directions and directions of the Supreme Court. This exercise to be completed within a period of 8 weeks.
- 10. All dumping sites which do not comply with MSW Rules and other governing applicable laws and these directions and the sites which are not designated as per rules shall be discontinued and closed within a period of three months or an acquisition of new site whichever is earlier.
- 11. All sites which have exceeded their capacity shall be closed down as per procedure under MSW Rules.

Re: The Local authorities which do not have waste processing facilities:

- 12. The Local authorities shall take steps for treatment of solid waste in accordance with MSW Rules either through themselves or through an identified agency.
- 13. The Municipal Corporations and Councils shall adopt measures as per Schedule III of MSW Rules to ensure :

(i) Segregation of Municipal Solid Wastes

(ii) Setting up facilities for processing biodegradable wastes by composting, vermi composting, anaerobic digestion or any other biological processing

(iii) Eventual elimination of landfilling requirements for biodegradable wastes

The State Government shall take decision on the pending proposals / applications made by the local authorities for grant of lands on lease or otherwise, or grant of NOC etc. within a period of 45 days from date of this order.

(v) The Local authorities which have not made such applications shall do so within a period of 4 weeks to the State Government and the State Government shall take a decision thereon within 45 days thereafter.

14. Sites for Composting. Vermi Composting etc.

(i) These sites shall also comply with these directions and MSW Rules (Schedule IV)

(ii) MPCB shall prescribe cap on storage of wet garbage to be treated at these sites so that the site does not become a dumping ground

(iii) These sites shall also comply with the Rules for storage of garbage as permitted by MPCB under MSW Rules

(iv) In the event of non-compliance of these directions MSW Rules and parameters as regards, storage of wet garbage limit of storage and

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operation of composting or vermi compost plant, the same shall be closed down and shall not be re-operated until MPCB reports remedial measures and its compliance.

15. General:

Action Plan for Treatment and Processing of Solid Waste

| Sr. No | Action Plan Details | Time Schedule |
|-----------|--|--|
| 1. | To develop mechanism for collection, segregation (at source / site) & transportation to processing facility & landfill site. | Within 2 months after possession of land |
| 2. | Settling up and Commissioning of Waste Processing Facility | 2) |
| | (a) Selecting of technology | Within 2 months after possession of Land |
| | (b) Preparation of Detailed Project Report | Within 2 months after selection of technology |
| | (c) Obtaining clearance from MCZMA/MOEF | Within 4 months from submission of the proposal by the ULB |
| | (d) (Inviting) tenders and appointment of Agency | Within 2 months after obtaining clearance from MCZMA/MOEF |
| 0 | (8) Issuance of Work Order with the time frame & necessary conditions by Municipal Authority | Within 1 month |
| | (f) Settling of MSW processing facility & making it operational | Within 18 months from the date of work order |
| 3. | Development & Commissioning of secured landfill site | Within 12 months after possession of land |
| 4. | Closure of cell & its monitoring for at least next fifteen years as per Rules. | After exhausting capacity of the existing cell. |
| 5. | Improving of existing facility | |
| | (a) Closure of existing dump site if required as per MSW Rules. | Within 16 months |

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| | (b) Setting up and commissioning of waste processing facility if not available at existing site. | Within 24 months |
|----|---|------------------|
| | (c) Improvement in the existing waste processing facility and secured landfill site in accordance with the MSW Rules. | Within 6 months |
| | (d) Development of new secured landfill site at existing site if not available. | Within 12 months |
| 6. | (a) Application for Authorization by Municipal Authority (Rule 4(2)) (b) Grant of a authorization for | |
| | processing facility & landfill site. (Rule 6(2)) | |

16. In the Solid Waste Garbage Management following issues shall be considered for long term and future planning by Local authorities State and Central Government and Pollution Control Boards:

(i) Daily operations and maintenance of Dumping and Land fill sites

(ii) Daily operation and maintenance of Waste Treatment Fascilines of Biodegradable Wastes

(iii) Fire protection during dump leveling

(iv) Garbage Bio-Mining

(k) Closure of sites which have attained their maximum capacity

(vi) Use of closed landfill sites as per MSW Rules

(vii) Subsequent land-use

(viii) Water consumption for capping

(ix) Methane Generation

(x) Encouraging the Local Authority to adopt these measures and comply the directions to earn Carbon Credits.

17. The local authorities may for this purpose explore the possibility of assigning / awarding this work on Public Private Partnership basis to Private entrepreneurs who will undertake this work in entirety including selection and acquisition of land as well as installation of treatment plants. For this purpose the local authority may resort to the process of Swiss challenge as approved by the

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Supreme Court in the case of Ravi Developers V/s. Shree Krishna Pratishtha – 2009 (7) SCC 462. The site so selected shall also strictly comply with all applicable provisions of MSW Rules, all other relevant laws and these directions.

18. The Local Authority / Corporations shall issue directions to the residents for solid waste segregation of garbage as per rules and

take steps for its compliance.

19. The State Government / Local Authorities shall give highest priority for establishing / settling up common facilities or land fill / dumping sites / processing facilities.

20. Whenever permission is required under the provisions of Environment Impact Assessment (EIA notification), Coastal Regulation Zone (CRZ Regulations), River Regulation Zone Policy (RRZ) (RRZ policy), Forest Laws etc. such authorities shall process and consider the applications made by Local Authority / Designated agency, expeditiously within a period of 4 weeks or as per the time limit prescribed in the relevant rules

21. It is clarified that wherever there is a statutory period prescribed for processing of any application grant of clearance etc.

the period prescribed therein shall be applicable.

22. The directions contained in this order are in addition to and supplementary to directions already given or orders passed in individual Writ Petitions / PILs.

23. Liberty to apply in case there is exceptional problem or exigency

being satisfied that this dispensation is not only imperative but also fulfill the aspirations of the statutory provisions in place.

4. Once again, we place on record our appreciation for the fair stand taken by all the parties in preparing the Minutes of Order and in particular, of the State Authorities.

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5. The matters be now placed on 2nd May, 2013 for reporting compliance.

(A.P.BHANGALE, J.)

(A.M.KHANWILKAR, J.)



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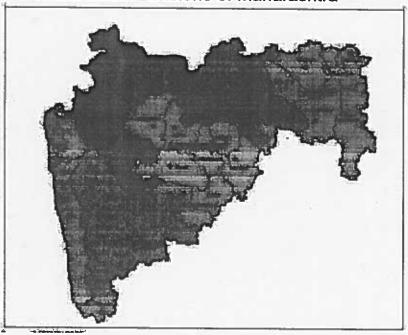
Annexure-IV

GOVERNMENT OF MAHARASHTRA URBAN DEVELOPEMENT DEPARTMENT

Action Plan on Solid Waste Management As Per Hon'ble Bombay High Court order Dated 02.04.2013

Action Plan - 2015

Administrative Divisions of Maharashtra



Mumbai

JANUARY, 2015

| | ction Plan on Solid Waste Management. order Dated (| 2.04.2013 |
|-----|--|---|
| Sr. | | |
| No | Action Plan Details | Time Schedule |
| 1 | To develop mechanism for collection, segregation (at source / site) & transportation to processing facility & landfill site. | Within 2 months after possession of land |
| 2 | Settling up and Commissioning of Waste Processing Facility | |
| | (a) Selecting of technology | Within 2 months after possession of Land |
| | (b) Preparation of Detailed Project Report | Within 2 months after selection of technology |
| | (c) Obtaining clearance from MCZMA / MOEF | Within 4 months from submission of the proposal by the ULB |
| | (d) Inviting tenders and appointment of Agency | Within 2 months after obtaining clearance from MCZMA / MOEF |
| | (e) Issuance of Work Order with the time frame & necessary conditions by Municipal Authority | Within 1 month |
| | (f) Settling of MSW processing facility & making it operational | Within 18 months from the date of work order |
| 3 | Development & Commissioning of secured landfill site | Within 12 months after possession of land |
| 4 | Closure of cell & its monitoring for at least next fifteen years as per Rules. | After exhausting capacity of the existing cell. |
| 5 | Improving of existing facility | |
| | (a) Closure of existing dump site if required as per MSW Rules. | Within 16 months |
| | (b) Setting up and commissioning of waste processing facility if not available at existing site. | Within 24 months |
| | (c) Improvement in the existing waste processing facility and secured landfill site in accordance with the MSW Rules. | Within 6 months |
| | (d) Development of new secured landfill site at existing site if not available. | Within 12 months |
| 6 | (a) Application for Authorization by Municipal Authority (Rule 4(2)) | As per Rules |
| | (b) Grant of a authorization for processing facility & landfill site. (Rule 6(2)) | As per Rules. |