



No. KSPCB/WMC/NGT/2022-23/ 2222

Date 27 JUL 2023

**PROCEEDINGS OF THE MEETING HELD UNDER THE CHAIRMANSHIP OF
JUSTICE SUBHAS B. ADI, CHAIRMAN OF STATE LEVEL COMMITTEE,
(CONSTITUTED AS PER HON'BLE NGT, PRINCIPAL BENCH, NEW DELHI
ORDER O.A. NO.606/2018) ON 12-06-2023 AT 3.00 PM, 2ND FLOOR, # 49,
PARISARA BHAVANA, 49, CHURCH STREET, BENGALURU-560001.**

PREAMBLE:

To review the implementation of Solid Waste Management (SWM) Rules, 2016; the Plastic Waste Management Rules, 2016; Hazardous Waste Management Rules, 2016; and to implement the direction of the Hon'ble National Green Tribunal (NGT) with respect to O.A.No.606/2018, it became necessary to adopt certain best practice to minimize the waste generation as well as to manage the same as per the SWM Rules.

The National Green Tribunal (NGT) has been issuing directions from time to time to all the State Governments to ensure that, there is full compliance with the Solid Waste Management (SMW) Rules, 2016. In furtherance of the same there was a need to bring the certain behavioral changes amongst the citizens to ensure clean- green, garbage free state with this object this meeting was convened by the Bhruhat Bengaluru Mahanagara Palike (BBMP) with the BBMP Zonal Officers viz. Rajarajeshwari Nagara, Yelahanka, Dasarahalli and Bengaluru East and all other zones of BBMP and KSPCB Officers viz the Concerned Regional Officers (ROs) and Zonal Senior Environmental Officers (ZSEOs). The list of



officers attended the meeting is enclosed as Annexure.

Following officials attended the meeting;

Chairperson	Justice Subhash B. Adi Chairman NGT State Level Committee (OA 606/2018)
Officers Present:	Sri. Thushar Giri Nath Chief Commissioner, BBMP
	Sri. Dr. Harish Kumar K Special Commissioner, BBMP
	Smt. Pallavi K.R Joint Commissioner (East), BBMP
	Sri. Jagadeesh K.H Joint Commissioner(Dasarahalli), BBMP
	Sri. Dr. Jagadeesh K. Naik Joint Commissioner (South), BBMP
	Sri. R. Lokanath Joint Commissioner (West), BBMP
	Sri. Lingamurthy .G Joint Commissioner (Mahadevpura), BBMP
	Sri. Basavaraj R. Kabade CGM, BSWML
Sri. Rajesh S.V Superintendent Engineer (South)	

	Sri. J. Vishwanath Superintendent Engineer (East)
	Sri. Praveen Lingaiah Superintendent Engineer (Mahadevpura)
	Sri. Nandeesh Superintendent Engineer (RR Nagar)
	Sri. K.V. Ravi Superintendent Engineer (Dasarahalli)
	Sri. Col Rajbir Singh Chief Marshal BBMP
	Sri. Nagesh H. Nodal Officer(SWM)
	Sri. Chandra shekar EE –SWM
	Sri. H Bimesh EE-SWM
	Sri. Akshay .S Keonics (AE) BSWML
	Sri. Chaithra J. T.A to CGM,BSWMC
Officers of KSPCB	Smt. Viji Karthikeyan Senior Environmental Officer (WMC-1) KSPCB

	<p>Sri. M Rudresh Murthy Environmental Officer (WMC-1) KSPCB</p>
	<p>Sri. K.V Shivkumar Regional Officer (R.R Nagar) KSPCB</p>
	<p>Sri. Sudhakar K.S Regional Officer (Bommanahalli) KSPCB</p>
	<p>Dr. H.R Puttaraju Regional Officer Sarjapura KSPCB</p>
	<p>Sri. Rajshekar S Environmental Officer (Doddaballapura) KSPCB</p>
	<p>Sri. Asif Khan Environmental Officer (Dasarahalli) KSPCB</p>

To begin with, Chairman of National Green Tribunal-State Level Committee highlighted the importance of management of solid waste by the urban Local Bodies/Corporation. Solid Waste Management is an important component not only in the matter of maintaining cleanliness in Urban Localities but protection of environment and enhancement of the beauty and wellbeing of the citizens of the city or town. Environment friendly and free from garbage ensures better living and wellbeing of the citizens which is need of the hour. It is, in this regard, constitutional wings like judiciary, bureaucracy as well as legislative have taken up the issue of solid waste management as well as cleanliness at the local bodies seriously to ensure that India becomes free from garbage and low value plastic and protects the environment and ecology which plays major role in protection of living creatures and at the same time gives importance to circular economy to achieve the goal of

waste to wealth.

For City of Bengaluru cleanliness plays a major role for its future development and the waste management assumes utmost importance in the functioning of any Local Body. It is, in this regard, it becomes necessary to bring back its past glory of Garden and Lake City for which erstwhile Bengaluru City was known for. Hence, for making Bengaluru City as a model city, the role of every citizen and the authority assumes importance, protection of environment in general is most important for future the development of the Nation as a whole. Under this background this Committee has been conducting several meetings, inspections as well as suggesting innovative ideas and methods in the matter of solid waste management to ensure that there is least impact of solid waste on the environment.

However, it is very unfortunate that, despite repeated meetings, instructions and suggestions, BBMP has not shown the requisite progress in Waste Management. This committee having found that, the role of the every officer concern is important for proper waste management, convened, this meeting of the zonal officers with the object to take effective steps to address the issues of solid waste management seriously and to meet the targets as observed by the Hon'ble NGT in its earlier orders.

During the course of the meeting, it was noticed that Bengaluru City by and large is not able to implement Solid Waste Management Rules in right spirit. This Committee during the course of interaction noticed several lapses as well as certain illegal ways of disposal of solid waste in the respective Zones. The details of the present status of each Municipal Solid Waste (MSW) landfill sites of Bengaluru city were reviewed and the details as submitted by the concerned officers are as follows;

Process of collection and disposal of solid waste

The issue of disposal of solid waste is nearly more than decade old, as the BBMP has

not adopted the proper collection and disposal system, the entire waste so collected is more or less in mixed form and is disposed of at the landfill site. There was no segregation and processing of the waste instead major quantity of waste goes to the dump site. Over the time the said accumulated waste at the dump site became a serious environmental problem resulting in public agitations within the city and villages surrounding the dumpsites. In this regard several public interest litigations came to be filed before the Hon'ble high court which forced the high court to monitor waste management by itself.

To meet this challenge and to comply with the court direction BBMP has established seven processing plants with capacity of processing as under

Sl. No.	Plant	Capacity
1.	Lingadhecranahalli	200 TPD
2.	Doddabidarakallu	200 TPD
3.	Subbarayanapalya	200 TPD
4.	Kannalli	500 TPD
5.	Seegehalli	500 TPD
6.	Chikkanagamangala	500 TPD
7.	KCDC-Kudlu	250 TPD

Out of nearby 5500 TPD solid waste very minimal quantity of waste was processed. Even the total capacity of compositing of these processing plants is only 2350 TPD as a result the process of dumping of waste at dumpsites has continued. It appears that, Government and the BBMP together have spent about Rs.440 crores to establish these plants. However, the solid waste management by BBMP has been paralysed due to the following reasons,

- 1) Unscientific way of processing

- 2) Quantity processed is less than the installed capacity. The remaining waste is going to the land fill. Same situation continues even today.
- 3) Poor solid waste management has lead to public complaints (due to toxic smell, fly, contamination of ground water, absence of buffer zone, litigations, closure orders, direction by KSPCB, Public interest litigations, orders by Hon'ble NGT and High Court etc.

Status of Wet waste processing plants owned by BBMP

1) BBMP MSW Processing site-Kannahalli :-

Kannahalli plant is operational. Facility has capacity to treat only 350 TPD against consented capacity 500 TPD. Currently receiving 140 to 150 TPD waste. It needs to be operated to its fullest capacity. BBMP officials have agreed to reach its full capacity within 2 months from the date of this meeting. Also agreed to submit the action plan to reach full capacity of processing of Plant. In this regard BBMP is directed that, inert material should be shifted by June and dead line is given 12th July to reach the full capacity of the processing plant. Chief Commissioner BBMP directed BBMP officials to shift the inert material by June.

2) BBMP MSW Processing site -Segehalli :-

BBMP special commissioner briefed about the plant status. Segehalli plant is not operational since 28.05.2020. Leachate treatment plant required to be established to make it functional and to address the public grievance. There is some public objection against this processing unit. Which needs to be addressed within the framework of the law?

3) BBMP MSW Processing site -Lingaderanahalli:-

Lingadheeranahalli plant is now operational. Plant was closed in May 2019 as per NGT Order. Supreme Court vide order dt.6.12.2020 permitted the BBMP to operate this unit BBMP official briefed about the problem of foul smell which persist in the unit is now taken care. Hence, it is directed to run the plant on daily basis to process the waste on regular basis. Rain water harvesting be provided. Fumigation and Masking needs to be done for avoiding nuisance on daily basis.

4) BBMP MSW Processing site -Subrayanapalya:-

Subbarayanapalya plant is not operational since 22.11.2019. Leachate treatment plant to be established to make it functional and also to address public grievance. BBMP officials explained the public objection for operation of unit. However, NGT has directed the BBMP to take police protection if needed to run the unit by following all norms and laws.

5) BBMP MSW Processing site- Doddabidirakallu

Doddabidarakallu plant is operational. Leachate treatment plant is installed but is not operating. Leachate is the biggest public nuisance. BBMP to ensure that this processing plant becomes fully functional without any objections from any corner.

6) BBMP MSW Processing site- Chikkanagamangala

Chikkanagamangala plant is Operational. Leachate treatment plant to be established to comply with SWM Rules.

7) Karnataka Compost Developmental Corporation

Closure order to M/s. KCDC Ltd., was issued on 27.01.2022 by KSPCB is kept in abeyance till end of May 2022 subject to compliances. BBMP to comply with all the issues and make it functional as otherwise it is waste of money.

8) M/s. MSGP Infratch Pvt Ltd

Apart from the above plants, M/s. MSGP Infratch Pvt Ltd., is managing solid waste collected by it from major bulk generators like Airport and APMC yards. BBMP Officials explained that the ward waste is stopped presently and market waste of 250TPD is sent to this processing unit.

As seen from above, the processing plants are either closed due to the want of consent orders or for want of statutory permission or failure to comply with SWM Rules as a result most of the waste is going to the dump site. Dumping of unprocessed waste is an offense, despite BBMP has not taken this issue seriously. If the same situation continuous then the law may have to take its own course.

As result of improper processing, it not only increasing the legacy waste at dump site but is done in utter violation of provisions of Environment protection Acts and SWM Rules. BBMP has been spending huge money to tune of several hundred crores only in increasing the waste to be dumped at dump site instead of taking appropriate steps to prevent, reduce, reuse, and recycle the waste scientifically to reduce the waste going to the landfill as required under the provisions of SWM Rules.

During the course of the meeting several suggestion were made for compliance by the BBMP. However, for reason best known to BBMP, yet no definite steps are taken to improve the systems.

In the course of the meetings following certain observations were made as to the failure to fully comply with the SWM Rules:

1. There is no ward wise study as to the quantity of wet, dry and hazardous waste.
2. No appropriate planning at ward level for waste management to prevent, reduce and reuse etc.
3. No Identification of bulk generators and their responsibilities, to minimize the cost of collection, transportation and processing. Which accounts to the tune of 30% to 40% of the total.
4. No action to prevent illegal/unauthorized waste collection, which has resulted in road side dumping of solid waste, C&D, Plastic, E-waste as well as other waste also.
5. No action is proposed against the violators of SWM Rules.
6. No action is taken against the owners of open sites for dumping of waste at the private owned sites which has resulted in increase in number of black spots.
7. No serious efforts are made to sensitize the SWM Rules amongst the stake holders and consigners.
8. Efforts are not made to encourage the de-centralized processing to reduce the cost of transportation and processing.
9. Responsibilities and accountabilities not fixed against the officers and other staff for their failure in respective assignments as per the provisions BBMP act 2020.
10. There is no appropriate check and balance or auditing against the waste collections and processing as against the amount spent for the same.
11. It appears BBMP has not prescribed appropriate terms and conditions for the contractors operating in the field of waste management.
12. Even to this day BBMP has not prescribed user fee as required under SWM Rules and C&D Rules.

In this regard by and large in every meeting suggestion were made to improve the mechanism of waste management as per rules.

However, Chairman, SLC, further suggested the following for implementation:

1. To abide by and comply the directions and conditions as issued under Water and Air Act.
2. Proper awareness programs needs to hold at each wards on segregation of waste and its importance as well as penal consequences for not following SWM rules by the citizens in Segregation at the source as per rules 4(1) of SWM rules and same should be made mandatory to achieve 100% segregation.
3. Common place for keeping the wet & dry waste and time fixation for collection in each wards should be implemented and penalization for not following the rules.
4. Penalty should be imposed against the vendors for violations of SWM rules.
5. In situ processing by choutries community halls or centers, event management etc. apart from bulk generators.
6. Supreme Court has directed not a single drop of sewage water to enter the drinking water system, i.e., river, lake & ponds etc. Hence, there is need for treating the sewage water as per the norms.
7. Compulsory audit is required for each ward on solid waste Management.
8. Model ward should be created in each zone (Plastic free, Black spot free, C&D waste free) and 100% achievement in solid waste management.
9. Proposal needs to be given to NGT SLC of the ward. Which is going to be model ward in waste management?
10. In situ establishments of processing plant at each educational Institution, Universities, and other public places, Government Offices, semi-government offices, public undertaking and all services providers Hotels, Chouteries etc. as per the SWM Rules. This will minimize the waste generation ad reduces the cost of collection transportation and processing.

11. Prevention of illegal operators from collection of waste with in BBMP jurisdiction.
12. For the collection of broken tender coconut, proper arrangement needs to be made by the BBMP. Which is very valuable so also vegetable, flower, fruit waste separately and same could be used for biometanation and composting.
13. Action against the shop owners and others for violation of SWM Rules , PWM rules etc.,
14. SUP should be banned in all the premises of temples, markets and educational institutions, Hotels, government offices etc., and notices should be issued to comply with the PWM-Rules and all such organization to declare themselves as plastic free places or campous.
15. All hotels/restaurants, resorts , Choutries shall adopt for supply of good quality portable water in glass bottles and paper cups instead of using plastic bottles and notices be issued in this regard. Encourage the green weddings such as reusable cutleries, plastic free with least food waste etc.
16. BBMP may have its own infrastructure for waste management by not depending on the contractor to start with at least for few wards as a sample –this process will have better control and proper management.

Apart from waste management, the basic change that Bengaluru requires: (Following are suggestions only)

1. Change in advertise system by adopting the digital technology to make advertise paper and plastic less. This is simple, cost effective, more user friendly, enhancing the beauty and generates more revenue with least men power.

2. Strictly prohibit posters, butting's, wallwriting, cutouts, and illegal structure of whatever nature on public place over the time which has damaged the beauty of the city.
3. Remove the encroachment and obstruction over the footpath and roads.
4. Regulate the parking having regard to the size of the road for smooth traffic flow
5. Removal of un attended and abandoned vehicles left on the road side and public places by appropriate legal procedure.
6. Regulation of construction activities by ensuring that, there is least impact on the pedestrians and vehicle movement.
7. Regulation of street vendors.

**Sd-
Justice Subhash B. Adi
Chairman, State Level Committee
Constituted by NGT**

Note: All Communication with respect to SLC Constituted as per Hon'ble NGT Order in the matter of O.A No. 606/2018 shall be addressed to Member Convener, State Level Committee (Constituted as per Hon'ble NGT Order in the matter of O.A. No.606/2018), 2nd Floor, Parisara Bhavan 49, Church Street, Bangaluru-560001

A copy of the communication submitted to Hon'ble Chairman shall be marked to Member Convener (SLC Constituted as per Hon'ble NGT Order in the matter of O.A No. 606/2018) and Member Secretary , Karnataka State Pollution Control Board , 5th Floor , Parisara Bhavan , 49, Church Street, Bengaluru


**Member Convener
NGT-SLC**

To,

- 1) Chief Commissioner , Bruhat Bengaluru Mahanagara Palike , N.R Square,
Bengaluru-560002
- 2) Special Commissioner , Bruhat Bengaluru Mahanagara Palike , N.R Square,
Bengaluru-560002
- 3) Zonal Commisioner, Bhruhat Bengaluru Mahanagara Palike **Dasarahalli**, MEI
layout, Hesargatta Main road, Bagalagute, Dasarahalli – 560073
- 4) Zonal Commissioner, Bhruhat Bengaluru Mahanagara Palike, **Yelahanka Zone**,
Bellary Road, Byatarayanapura Near Amruthahalli Signal, Bengaluru-560092
- 5) Zonal Commissioner, **Rajarajeshwari Nagara Zone**, Rajarajeshwari Nagar zone,
Bruhat Bengaluru Mahanagara Palike, 18th Cross, Ideal Homes Township, R R Nagar,
Bengaluru –560098.
- 6) Zonal Commissioner, **Bengaluru East Zone** , Mayohall, Ashok Nagar
Bengaluru-560001
- 7) Zonal Commissioner, **Mahadevapura Zone**, Whitefield Main Rd, Opposite Phoenix
Market city, RHB Colony, Mahadevapura, Bengaluru- 560048.
- 8) Regional Senior Environmental Officer, KSPCB, **Bengaluru North**, Urban Eco-
park,100 feet, Peenya Indl area, IIIrd Phase, Bangalore -560058.
- 9) Regional Senior Environmental Officer, KSPCB, **Bengaluru South**, “Nisarga Bhavan”,
3rd Floor, Thimmaiah Road, Bengaluru-560 010.
- 10) Regional Senior Environmental Officer, KSPCB, **Bengaluru East**, “Nisarga Bhavan”,
3rd Floor, Thimmaiah Road, Bengaluru- 560 010.
- 11) Regional Officer, KSPCB, **Yelahanka** First Floor,Nisarga Bhavan,Thimaiah Main
Road, 7th 'D' Main, 3rd Stage , 2nd Block, Shivanagar ,Opp Pushpanjali Theatre,
Basaveshwaranagar, Bengaluru-560 0790

- 12) Regional Officer, KSPCB, **Rajarajeshwari Nagara**, Second floor, Nisarga Bhavan, Thimaiah Main Road, 7th 'D' Main, 3rd Stage , 2nd Block Shivanagar, Opp. Pushpanjali Theatre, Basaveshwaranagar, Bengaluru-560 0790
- 13) Regional officer, KSPCB, **Dasarahalli**, Urban Eco-park, 100 feet, Peenya Indl area, IIIrd Phase, Bengaluru -560058.
- 14) Regional Officer, KSPCB, **Mahadevapura**, Third floor, Nisarga Bhavan, Thimaiah Main Road, 7th 'D' Main, 3rd Stage, 2nd Block Shivanagar, Opp. Pushpanjali Theatre, Basaveshwaranagar, Bengaluru-560 0790

Copy Submitted to,

- 1) Additional Chief Secretary to Government, Urban Development Department, Room No. 436, Vikasa Soudha, Bengaluru for Information and necessary action.
- 2) Principle Secretary to Govt. of Karnataka, Department of Health and Family Welfare # 105, 1 floor, Vikasa Soudha, Bengaluru -560001 for Information and necessary action.
- 3) Principal Secretary to Government (Environment and Ecology Department, Karnataka Government Secretariat Room No. 708, 7th Floor, Gate No. 4, M.S Building, Bengaluru - 560001 for Information and necessary action.
- 4) Principal Secretary to Government Rural Development and Panchayath Raj Department 3rd Gate 3rd floor MS Building Bengaluru-560001 for information and requested to request to depute an officer for the meeting.
- 5) Regional Director, Central Pollution Control Board, Nisarga Bhavan, Thimmaiha Road, 2nd Main Rd, Shivanagar, Basaveshwar Nagar, Bengaluru, Karnataka 560079 for information and requested to depute an officer for the meeting.

