

**MINUTES OF THE EIGHTH MEETING OF THE STATE LEVEL
MONITORING COMMITTEE CONSTITUTED BY THE HON'BLE
NATIONAL GREEN TRIBUNAL HELD ON 26th SEPTEMBER 2019 AT
HOTEL APOLLO DIMORA THIRUVANANTHAPURAM**

SLMC/KER/MNTS-8/2019

Present:-

1. Justice A.V. Ramakrishna Pillai, Chairman, SLMC
2. Smt. Sreekala S., Member Secretary, SLMC (Member Secretary, KSPCB)
3. Sri. T. K. Jose IAS, Additional Chief Secretary, Local Self Government Department

(Principal Secretary, Environment Department and Principal Secretary, Health and Family Welfare Department could not be present due to official exigencies)

Participation:-

1. Sri. Ajit Haridas, (Chairman, KSPCB)
2. Smt. Valsa V., Additional Secretary, Environment Department
3. Dr. Ummuselma, Joint Director (Health), Directorate of Urban Affairs
4. Sri. Baburajan P. K., Chief Environmental Engineer, KSPCB, Head Office
5. Sri.Sindhu Radhakrishnan, Chief Environmental Engineer, KSPCB, Regional Office, Thiruvananthapuram
6. Dr. Sheela A. M., Senior Environmental Engineer, KSPCB, Head Office
7. Smt. Saritha D., Nodal Officer & Deputy Secretary, Health & Family Welfare Department
8. Sri. Minimol D., Joint Secretary, LSGD
9. Sri.Rajeev K. S., Assistant Engineer, LSGD, Thiruvananthapuram Corporation
10. Sri. Kesavan Nair, Managing Director, Clean Kerala Company Limited
11. Sri. Renju R. Pillai, Senior Consultant (Design), Suchitwa Mission
12. Smt.Ramya G., Environmental Engineer, KSPCB, District Office, Thiruvananthapuram
13. Smt.Resmi R. Russel., Assistant Engineer, KSPCB, District Office, Thiruvananthapuram
14. Sri. Biju B., Environmental Engineer, KSPCB, District Office, Alappuzha
15. Sri.M.Shajahan, Secretary, Mavelikkara Thamarakulam Grama Panchayath
16. Smt. Anjana Deepthi K. R., Assistant Secretary, Thamarakulam Grama Panchayath, Alappuzha
17. Smt. S. Sujitha, Assistant Secretary, Aryad Grama Panchayath, Alappuzha
18. Sri.G.V. Vinod Kumar, Assistant Secretary, Mararikulam North Grama Panchayath, Alappuzha
19. Sri.P.Manojkumar, Secretary, Kulanada Grama Panchayath, Pathanamthitta
20. Smt. Sreelekha, Secretary, Thumpamon Grama Panchayath, Pathanamthitta

21. Smt. Deepa L.S., Secretary, Thiruvananthapuram Corporation
22. Dr. A. Sasi Kumar, Chief Health Officer, Thiruvananthapuram Corporation
23. Sri. Shibu K Nair, Member, Technical Committee, Thiruvananthapuram Corporation
24. Sri, Sooraj Surendran, Member, Campaign Cell, Thiruvananthapuram Corporation
25. Sri. S. Vijay, Secretary, Aranmula Grama Panchayath, Pathanamthitta
26. Sri. Riyas R., Assistant Engineer, KSPCB, District Office, Pathanamthitta
27. Sri. Praveen Thampi P., Assistant Engineer, KSPCB, District Office, Pathanamthitta
28. Smt. Bindu V. Gopal, Environmental Engineer, KSPCB, Head Office
29. Miss. Jisha. T.J., Assistant Engineer, KSPCB, Head Office
30. Smt. Veena M., Legal Assistant, KSPCB, Head Office
31. Smt. Deepthi S., CA, KSPCB, Head Office

The eighth meeting of the State Level Monitoring Committee constituted by the Hon'ble National Green Tribunal was held at 2.30 p.m. on 26th September 2019 at Hotel Apollo Dimora, Thampanoor, Thiruvananthapuram with the Chairman presiding. The Chairman welcomed all members and other participants.

AGENDA ITEMS DISCUSSED

I. Approval of minutes of the 7th meeting SLMC

Read and passed the minutes of the 7th meeting of the SLMC held on 03/08/2019.

II. Review of Progress of waste management in Thiruvananthapuram Corporation

Presentation on the progress achieved by the Thiruvananthapuram Corporation was made by Shri.Shibu a consultant engaged by the Corporation.

It was informed that the Corporation has adopted decentralized mode of waste management considering the nature and distribution of waste generated. The closing down of Vilappilsala treatment plant and failure to find an immediate alternate site has resulted in overflow.

It was informed that a campaign cell is functioning for spreading awareness among public regarding Municipal Waste Management. Out of the 2,72,820 households, 80% is following segregation of waste at source. Among commercial

establishments also segregation of waste at source is being done in 89% units. Source level management is being done by 40% households and 9% commercial establishments. Door to door collection is enforced in 19% of households and 92% of commercial establishments. There is 100% achievement in waste collection and disposal from markets and public places. Regarding treatment of biodegradable waste, 32% is treated at source in households, 26% is treated at community level and the remaining 46% is covered by private sector in facilities such as rendering plants, pig farms, rubber plantations. Twenty thousand cloth bags have been distributed to replace plastic bags.

Regarding sewage treatment, it was stated that 56% houses have septic tanks, 42% houses have sewerage connection and 1% have private STP. Houses having no facility is 1%. Septage is collected from households and is transmitted to Sewage Treatment Plant for treatment. Mobile application has been developed for collection of septage which can be used by households.

It was pointed out that the major gaps are the non-availability of facilities for disposing absorbent hygiene products such as diapers and napkins, rejects and residuals, construction and demolition waste and absence of facility for disposal of liquid wastes from markets and old waste dumps. DPR has been prepared for creating infrastructure for filling the gaps in Municipal Solid Waste Management.

The Chairman, SLMC pointed out that the achievement in collection of biodegradable waste from households is too low as it was only approximately 20% and no action has been taken for bio mining of legacy waste. He reminded that Thiruvananthapuram being identified as a model Corporation the time left for making the Corporation fully compliant is only one month.

It was also suggested by the Chairman SLMC that common bye law for local bodies has to be brought out expeditiously and the Suchitwa Mission should take follow up action for expediting the matter.

The Additional Chief Secretary, Local Self Government stated that the results/outcomes of the activities should be quantified and should be displayed in the website. The Additional Chief Secretary pointed out that many instances of burning of plastics have been noted and observed that if the system of collection of plastic waste is perfect this would not have occurred. This view was endorsed by

the Chairman, SLMC. The weakness of the enforcement mechanism was also pointed out. As it is the responsibility of the Secretary to impose fine, violators should be penalized and the news regarding this should be put up in the website of the Corporation; it was suggested. The Additional Chief Secretary observed that the scenario has improved compared to that of two years back.

The Chairman Pollution Control Board pointed out that the quantity of bio-degradable waste generated and the quantity which is said to be disposed of through pig farms do not match. The Chairman enquired whether site has been identified for Solid Waste Management and warned that non identification is non compliance of Municipal Solid Waste Rules, 2016. The Chairman Pollution Control Board also informed that the ranking of the Corporation in the survey Swachh Sarveshan conducted by Govt. of India is 363 out of 425, which is indicative of the poor quality of the waste management scheme in the City.

The Member Secretary, Pollution Control Board reiterated that the time for compliance of the Corporation is almost over and full compliance should be achieved within one more month.

The Secretary Thiruvananthapuram Corporation informed that several steps are being taken for compliance of the rules. Funds are earmarked in the budget for waste treatment facilities. DPR has been prepared for providing source level treatment facilities to more households, sanitary landfill, demolition waste yard etc. Six lakhs rupees have been collected as fine for burning of plastics and one prosecution has been launched.

III. Evaluation of progress of Waste Management in model local bodies of Pathanamthitta District.

A. Aranmula Panchayath:

The Secretary, Aranmula Panchayath submitted the following:

- There is 50% achievements in solid waste treatment and disposal in the Panchayath.
- Door to door collection facility is provided in 23 wards of the Panchayath.
- The Panchayath will intensify the actions to comply with the NGT direction.

The Chairman, SLMC enquired whether any method has been evolved by the authority of Parthasarathy Temple, Aranmula for the disposal of biodegradable waste generated during the festivities in the temple. The Chairman, Kerala State Pollution Control Board suggested that installation of a digester would be a feasible solution.

B. Thumpamon Panchayath:

The Secretary, Thumpamon Panchayath submitted the following:

- Door to door collection facility is provided in the Panchayath. Haritha Karma Sena having twenty six members are collecting non bio degradable waste effectively in all the thirteen wards.
- With reference to bio degradable wastes treatment, ring compost have been provided for houses having area less than 100 m². Roofed compost pits are provided for households having area of 100m² to 150 m². Households having are more than 150 m² area have been directed to have their own facility.
- Establishments including Panchayath have been provided with ring compost system.
- Raids have been conducted in shops and banned plastics were seized.
- There is 70% achievement in collection and disposal of both bio-degradable and non-biodegradable

C. Kulanada Panchyath:

The Secretary, Kulanada Panchyath submitted the following:

- Almost 100% door to door collection of non bio degradable waste has been achieved.
- MCF is provided in the Panchayath. Steps are being taken to provide mini MCFs in all wards.
- Bio degradable waste treatment facility is provided in fish market.
- Bio degradable waste from households is treated at source itself.
- Bottle booths are being established in all the fourteen wards.
- Awareness has been given to Residents' Associations regarding the importance of solid waste management.

- There is an overall achievement of 70%, however physical verification has not been conducted.

IV. Evaluation of the progress of Waste Management in Alappuzha District.

A. Aryad Panchayath:

The Assistant Secretary, Aryad Panchyath submitted the following:

- Two Haritha Karma Sena workers are deployed to collect plastic from each ward and this is followed in all the eighteen wards.
- Plastic wastes are being collected from all the houses and commercial establishments.
- Around 800 kg/month plastics are being collected.
- Bio degradable wastes are treated in the houses itself. Those who do not have enough land, compost pits are provided for the treatment.
- One common compost bin is available for the treatment of wastes from commercial establishments.

B. Mararikkulam Panchayath:

The Assistant Secretary, Mararikkulam Panchyath submitted the following

- Plastic is collected from all households in eighteen wards.
- Eight aerobic composting bins are installed in the Panchayath. Four of them are in public places and four are in schools.
- Aerobic composting bins will be provided for remaining schools.

C. Thamarakulam Panchayath:

The Secretary, Thamarakulam Panchyath submitted the following

- Plastics are collected from all households in seventeen wards.
- Fine has been imposed from shops for stocking banned plastics.
- Awareness seminars have been conducted.
- Two aerobic compost bins are provided in public market for disposal of bio-degradable wastes from commercial establishments.
- One compost bin is provided in the block Panchayath premises.
- There is an overall achievement of 50%.

The following Resolutions were taken in the meeting:

1. Apart from door to door collection, reception facility for collection of waste should be provided by the local bodies, for those who are not able to hand over waste via the door to door collection system. The information regarding collection places should be displayed in the website of the local bodies.
2. Local bodies should ensure that catering groups functioning in their respective area put up digester for treatment of bio-degradable waste generated.
3. All the local bodies present should report reagrding the Target, the percentage of target achieved on weekly basis via e-mail to Deputy Director of Panchayath, Pollution Control Board and Suchithwa Mission.
4. Waste processing should be quantified. Local bodies should keep record of the volume and weight of the input and output waste.
5. Thumboormozhi decentralized facility should be setup in the premises of the Panchayath/Municipality building itself in all local bodies. Technical advice, facilitation and support should be provided by Suchithwa Mission for model local bodies for this. Clean Kerala Company should also help to install facilities in model local bodies.
6. Suchitwa Mission should send the copy of the Municipal Solid Waste Rule, 2016 through e-mail to all local bodies.
7. Common byelaw for local bodies should be brought out expeditiously.

The Chairman, SLMC thanked all the participants. The meeting concluded at. 5.30 PM.


CHAIRMAN