

**MINUTES OF THE TWELTH MEETING OF THE STATE LEVEL
MONITORING COMMITTEE CONSTITUTED BY THE HON'BLE
NATIONAL GREEN TRIBUNAL HELD ON 24th JANUARY 2020 AT
HOTEL APOLLO DIMORA, THAMPANOOR,
THIRUVANANTHAPURAM**

SLMC/KER/MNTS-12/2020

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
4. Dr. Usha Titus IAS, Principal Secretary, Environment Department
(Principal Secretary, Health Department could not be present due to official exigencies)

Participation:-

1. Sri. Snehil Kumar Singh IAS, Sub Collector, Kochi.
2. Sri. Muhamed Arif Khan, Secretary, Maradu Municipality
3. Sri. Baburajan P.K., Chief Environmental Engineer, KSPCB Head Office
4. Sri. M. A. Baiju, Chief Environmental Engineer, Regional Office, Ernakulam
5. Smt. Sindhu Radhakrishnan, Chief Environmental Engineer, Regional Office, Thiruvananthapuram
6. Smt. Sheela A.M., Senior Environmental Engineer, KSPCB, Head Office
7. Dr. Ummuselma, Joint Director (Health), Directorate of Urban Affairs
8. Sri. Ramesh G.R., Nodal Officer & Deputy Secretary, Health & Family Welfare Department
9. Smt. Minimol D., Nodal Officer & Joint Secretary, LSGD
10. Sri. P. Kesavan Nair, Managing Director, Clean Kerala Company Ltd
11. Sri. Renju R. Pillai, Director, Suchitwa Mission
12. Sri. B.K. Balaraj, Joint Director, Urban Affairs Department
13. Smt. Josnamol S., Joint Director, Panchayath Director
14. Smt. Deepa L.S., Secretary, Thiruvananthapuram Corporation
15. Sri. S. Prakash Health Supervisor, Thiruvananthapuram Corporation
16. Sri. Sanal Kumar D.V., Secretary, Kottarakkara Municipality
17. Sri. Prasad A.S., Health Inspector, Kottarakkara Municipality
18. Sri. Viswanadhan S., Secretary, Attingal Municipality
19. Sri. B. Ajayakumar, Health Supervisor, Attingal Municipality
20. Sri. Faisal A., Secretary, Karunagapally Municipality
21. Sri. Ram Kumar M.R., Health Secretary, Nedumangad Municipality
22. Smt. Vrija N.K., Secretary, Paravur Municipality
23. Sri. K.C. Asok, Health Inspector, Paravur Municipality
24. Sri. Santhosh, Health Inspector, Varkkala Municipality

25. Sri. Manikumar R., Secretary, Neyyattinkara Municipality
26. Sri. Sasikumar P. K., Health Supervisor, Neyyattinkara Municipality
27. Smt. Renuka Devi G., Secretary, Punalur Municipality
28. Sri. Aji G., Health Inspector, Punalur Municipality
29. Sri. Naisam A.S., Additional Secretary, Kollam Corporation
30. Smt. Sumithra S., Environmental Engineer, KSPCB, Head Office
31. Smt. Bincy B.S., Assistant Environmental Engineer, KSPCB, District Office, Thiruvananthapuram
32. Smt. Resmi R. Russel, Assistant Engineer, KSPCB, District Office, Thiruvananthapuram
33. Sri. Vipin Vaidian, Assistant Engineer, District Office, Kollam
34. Smt. Bindu V. Gopal, Environmental Engineer, KSPCB, Head Office
35. Kum. Jisha T.J., Assistant Engineer, KSPCB, Head Office
36. Smt. Veena, Legal Assistant, KSPCB, Head Office
37. Smt. Deepthi S., CA, KSPCB, Head Office

The Twelfth meeting of the State Level Monitoring Committee constituted by the Hon'ble National Green Tribunal was held at 2.00 pm on 24th January 2020 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 11th meeting of the SLMC

Read and passed the minutes of the 11th meeting of the SLMC held on 13/12/2019.

II. Maradu Apartments - Post Demolition Monitoring Measures Taken - Consideration

Before taking up the agenda item for discussion, the Chairman, SLMC moved the resolution which is appended as *Annexure-A* to these minutes, appreciating the efforts taken and the services rendered by the authorities concerned for completing the demolition process successfully ensuring the safety of the residents in the neighborhood and also preserving the environment. The resolution was approved the Committee.

The Chairman pointed out that as the demolition process is over, the responsibility of handling the demolition waste in conformity with the provisions of the Construction and Demolition of Waste Rules, 2016 is with the Maradu Municipality. The Chairman informed the meeting that during his site inspection

on 18th January, 2020 he had noticed serious gaps in dealing with the debris at the demolition site. The Chairman pointed out that for suppressing the dust, instead of using sprinklers, water is being pumped over the debris resulting in the reverse flow of huge quantity of water saturated with cement and other particles to the lake which ultimately would be harmful to the aqua organisms. Such flow of contaminated water was noticed near the site of 'Golden Kayaloram'. The Chairman also pointed out that if sprinklers are used the reverse flow to the lake can be prevented to a great extent and it will also create a humid atmosphere over the demolition sites allowing the dust to settle down. The Chairman also informed the Committee that proper covering is not there around the demolition sites as envisaged by Construction and Demolition Rules. The Chairman enquired whether the removal of waste would be over within in the thirty days as directed by the Hon'ble Supreme Court.

The Member Secretary, SLMC informed that Prompt Enterprises who are engaged to remove the debris had made a presentation before the KSPCB regarding the removal and handling of Demolition Waste at Maradu. It was pointed out that the Company proposes to remove 76,000 tons of material. She has pointed out that metal barriers can be used to prevent spreading of dust from the site.

The Additional Chief Secretary, Local Self Government Department suggested that sprinklers should be used for spraying water, and for this equipments can be taken for lease. It was further suggested the leach ate produced on account of this process should be collected, filtered before allowing the water to flow back. Such a process will reduce the chance of percolating contaminated water to the nearby water bodies; it was pointed out. It was further suggested that this has to be done immediately without fail.

The Additional Chief Secretary informed that Kumbalam area identified for storage of Construction and Demolition Waste is a sensitive one, having lot of water bodies, whereas Chandiroor which was identified earlier, being a dry land was more suitable. He further suggested that the possibilities of leasing land at Chandiroor for storing waste should be explored.

The Sub Collector, Kochi informed that approximately seventy days would be required for the removal of debris completely. He further informed that some

problems have been identified with respect to Kumbalam site, which are being sorted out.

The Principal Secretary, Environment clarified that the thirty days time fixed was before inviting tenders for the demolition and therefore the Government will have to file an affidavit before the Hon'ble Supreme Court for getting the time extended if the removal of demolition waste could not be completed within thirty days.

The Secretary, Maradu Municipality informed that no land is available in the Municipality, for setting up Construction and Demolition Waste processing plant.

The following directions were given for strict compliance immediately by the Maradu Municipality and all the agencies who are engaged in the removal of demolition wastes from the sites within the local limits of Maradu Municipality:

1. Covering a height of thirty five feet using metal barriers shall be provided around all demolition sites till the debris are removed completely.
2. Instead of hoses, water sprinklers should be used for dust supersession till the debris are removed completely.
3. The leach ate arising on account of water sprinkling over the debris should be collected and filtered, and only thereafter the same be allowed to percolate through ground.
4. Water contaminated with cement dust and other particles shall not reach the nearby water bodies under any eventuality.
5. Ensure that all the Construction and Demolition Waste are transported in covered vehicles only. If this direction is violated steps shall be taken to get the vehicle seized by the authorities concerned.
6. The roads adjacent to the demolition site along which the debris are being transported, shall be wetted as often as required to avoid spreading of dust emanating from the spillovers.
7. Ensure that adequate number of vehicles are made available for the transportation of waste from the site.
8. The possibility of leasing land for setting up Construction and Demolition Waste processing plant shall be explored.

9. The KSPCB, through its Regional Office, Ernakulam, shall convey the aforesaid directions to all concerned and shall closely monitor whether the aforesaid directions are complied with in letter and spirit. CC TV cameras shall be directed to be installed at the strategic points of all sites to make the monitoring process effective. Weekly reports regarding the activities shall be submitted by the KSPCB to the SLMC. The first report shall be filed within a week.

III. User fee for door to door collection – news paper report on Rs. 800/- user fee proposed by Thiruvananthapuram Corporation.

The Chairman, SLMC invited the attention of the Committee to a news item appeared in various newspapers stating that SLMC had recommended charging of Rs. 800/- towards user fee for door to door collection of wastes within the local limits of Thiruvananthapuram Corporation.

The Chairman clarified that such a decision has never been taken by the SLMC in any of its meetings. It was pointed out that the recommendation of the SLMC was to collect reasonable user fee from households and establishments for door to door collection. It is quite unfortunate and unfair that the SLMC is saddled with the responsibility of such a decision by the Thiruvananthapuram Municipal Corporation; it was pointed out.

The Chairman stated that the statutory bodies should absolve from the practice of propagating false pieces of information like this that would tarnish the image of responsible authorities. He further pointed out that the Municipal Corporation, Thiruvananthapuram should not have propagated such a piece of information which has no bearing with the facts.

The Secretary, Thiruvananthapuram Corporation tried to disown the statement stating that, what she had proposed to the Council was an agenda, giving different rates for user fee collection and this was on the basis of a Government Order. She further stated that the report in the news was the not the decision of the Council and denied of having given any such news to the press.

The Additional Chief Secretary, Local Self Government Department pointed out that the Government Order regarding user fee is not mentioned in the news paper report. The Additional Chief Secretary further suggested that if the

news item were not given with knowledge of the Corporation, a press release stating the same should have been given by the Corporation immediately thereafter.

The Nodal Officer of the Local Self Government Department clarified that Rs. 800/- is the maximum user fee that can be collected.

The SLMC directed the Secretary, Thiruvananthapuram Municipal Corporation to give a press release stating that the SLMC had never directed the Corporation that the user fee should be Rs.800/-. This should be reported to the SLMC along with news paper cutting of the denial statement.

IV. Evaluation of progress of waste management in the Municipalities of

Thiruvananthapuram District

a) Varkala Municipality

The Health Inspector submitted as follows:

- About eight tons of waste is generated in the Municipality. Out of this 3.2 tons is plastic. 4.8 tons waste is processed.
- There are eighteen Haritha Karma Sena members.
- Bio degradable waste is not being collected.
- Many households have their own bio degradable waste processing facility such as compost pit.
- There are five hundred and forty Thumboormuzhi units and three biogas plants in the Municipality.
- Plastics collected are being shredded and recycled. About two tons of plastics have been shredded so far.
- User fee collected at the @ Rs. 100.
- Collection frequency is twice in a week.

The Chairman, SLMC informed that the time granted by NGT to make all the local bodies fully compliant with environmental laws would be over by 24.04.2020.

b). Attingal Municipality

The Secretary submitted as follows:

- There are thirty one wards in the Municipality.
- There is one MCF and one RRF in the Municipality.
- There is 100% achievement of door to door collection from establishments; 67% from households with the help of forty three Haritha Karma Sena members;
- User fee is collected at the @ Rs. 50/- per house.
- Source level treatment systems for households include four hundred and twelve portable biogas plants and seven hundred kitchen bins.
- Bio-degradable wastes are taken to the centralized composting plant for processing.
- Three hundred and fifty tons e-waste including plastics has been collected.
- There is reduction in the use of plastics within the Municipality.
- Wormy compost unit is functioning in the Municipality.
- The achievement of work for sanitary land fill is 60%.

The Additional Chief Secretary, Local Self Government Department directed the Secretary that collected plastic waste should be disposed as per the rule before next review meeting. Non Bio degradable waste should be given to Clean Kerala Company within fifteen days.

The Member Secretary reminded that Attingal Municipality is one of the Model Municipalities identified by the Government and the progress review is to be presented by the Chief Secretary during his appearance before the Hon'ble NGT on the next posting date.

c). Neyyattinkara Municipality

The Secretary submitted as follows:

- There are eighty eight Haritha Karma Sena members working in forty four wards of the Municipality.
- Wet waste is not collected.
- There is one MCF in the Municipality.
- Shredding unit will be installed before March.
- Ring compost facility is provided to households.

d). Nedumangad Municipality

The Health Secretary submitted as follows:

- There are thirty nine wards in the Municipality.
- There is one MCF and one RRF in the Municipality.
- For source level treatment, hundred and fifty Bio gas plants and two thousand four hundred and forty kitchen bins have been supplied to households.
- Achievement of wet waste collection is 20% and of dry waste is 100% from households.
- Wet waste is not collected. Establishments are giving wet waste to pig farms in Tamil Nadu.

The Member secretary enquired whether these pig farms have obtained consent from Tamil Nadu Pollution Control Board. She informed that the Board is receiving complaints from TNPCB regarding dumping of wet wastes in Tamil Nadu from Kerala.

V. Evaluation of progress of waste management Kollam Corporation

The Additional Secretary submitted as follows:

- There are fifty five wards in the Corporation; one hundred and twenty four Haritha Karma Sena members are working.
- There are Seven MCFs and one RRF in the Corporation.
- Technical and Financial bid for bio-mining of legacy waste is approved.
- Site for waste to energy plant at Kureepuzha is being handed over.
- There is no collection of wet waste.
- Order has been placed for two hundred and seventy five MCF units. Out of this only seven have been received so far.

The Additional Chief Secretary, Local Self Government Department enquired whether Expression of interest for Waste to Energy plant had been invited and why bio-mining also cannot be done simultaneous with the setting up

of Waste to Energy plant. He remarked that the progress of the Corporation is not satisfactory.

VI. Evaluation of progress of waste management in the Municipalities of

Kollam Municipality

a) Paravur Municipality

The Secretary submitted as follows:

- There are thirty two wards in the Municipality and thirty two Haritha Karma Sena members are working.
- Wet waste is not collected.
- Kitchen bins have been distributed to households.
- Three numbers of Thumboormuzhi units are working.
- Dry wastes are collected.
- Shredded plastic is used for tarring.

b) Karunagapally Municipality

The Secretary submitted as follows:

- There are thirty five wards in the Municipality.
- Thumboormuzhi units are working in the Municipality.
- Shredding unit is working; Clean Kerala Mission is not taking the shredded plastic.
- Legacy Waste is heaped in the Municipality.

c) Punalur Municipality

The Secretary submitted as follows:

- Ring compost is to be installed in the Municipality.
- DPR for fifteen thousand ring compost has been obtained.

The Additional Chief Secretary, Local Self Government Department remarked that ring compost technology is outdated and the Municipality should adopt new technologies.

d) Kottarakkara Municipality

The Secretary submitted as follows:

- This is a new Municipality
- There are twenty nine wards.
- There are eight Thumboormozhi units working.
- Centralized solid waste treatment plant is being setup.
- Household treatment system present in eight hundred houses.

The following resolutions were taken in the meeting:

1. All the local bodies are bound to follow Solid Wastes Management Rules which insists 100% collection of wastes segregated at source.
2. If the Secretary or any other Officer who is directed to appear before the SLMC, is unable to attend, the same should be intimated to the Member Secretary of the SLMC in writing in advance.
3. Urban Affairs Director as well as the Director of Panchayaths should see that all the officers summoned, submit the timely report called for by the SLMC and attend the meetings of the SLMC without fail.
4. Dr. Ummuselma, Joint Director (Health), should make all Health Inspectors aware of the Government Order dated 20/07/2017.
5. Message should be given to all Health Inspectors highlighting the role of Health Inspectors, provisions of the Solid Waste Management Rules and the role and responsibilities of SLMC.
6. The amount of fine collected for seizing banned plastic should be informed within one week by all Municipalities.
7. E-Waste collected from Local Bodies should be given to Clean Kerala Company.
8. Suchithwa Mission should verify the rates, as well as the works of IRTC, Palakkad.
9. Suchithwa Mission should rate the best technology and inform the local bodies. Sri. Renju R. Pillai, Director, Suchitwa Mission should prepare a comparative statement of different methods of wet waste treatments such as ring compost, Thumpoormozhi, Pipe Compost, Wormy Compost etc. showing the pros and cons of each method, comparative cost etc., and put

up in the website of Suchithwa Mission as blog of Director, Solid Waste Management of Suchithwa Mission by 31/01/2020.

10. If plastic waste/E-waste is handed over to any agency other than Clean Kerala Company the following should be ensured.

a). Obtain an affidavit from the agency as to what process the materials collected are subjected and the place at which they are processed.

b). Whether the collecting agency has obtained consent from the Pollution Control Board of the State where they are operating.

c). The waste collected is reaching the destination without being dumped elsewhere.

d). The Secretary or the authorised Officer of the Local Bodies should personally inspect the facility and ensure that the waste is processed.

The Chairman, SLMC thanked all the participants. The meeting concluded at 5.45 PM.

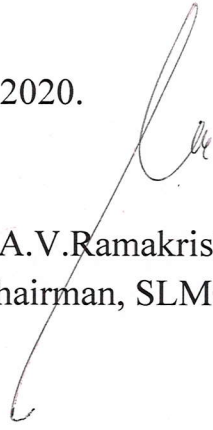


CHAIRMAN

RESOLUTION

The State Level Monitoring Committee places its appreciation on record, for the efforts taken and the services rendered by the District Administration headed by Shri.S.Suhas I.A.S., the Technical Committee headed by Shri.Snehil Kumar Singh I.A.S., Sub- Collector, Kochi, the team at Petroleum and Explosives Safety Organization (PESO) headed by Dr.R.Venugopal, Deputy Chief Controller of Explosives, for successfully completing the demolition process of the residential high rises within the local limits of Maradu Municipality as per the orders of the Hon'ble Supreme Court which aims at the protection of the ecology of Vembanad back waters renowned for its biodiversity, ensuring the safety of the residents in the neighbourhood and the preservation of the environment throughout the entire ordeal.

Dated this the 24th day of January, 2020.


Justice A.V. Ramakrishna Pillai,
Chairman, SLMC, Kerala.