

**MINUTES OF THE NINTH MEETING OF THE STATE LEVEL
MONITORING COMMITTEE CONSTITUTED BY THE HON'BLE
NATIONAL GREEN TRIBUNAL HELD ON 28th OCTOBER 2019 AT
GOVT. GUEST HOUSE, THYCAUDU, THIRUVANANTHAPURAM**

SLMC/KER/MNTS-9/2019

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
4. Dr. Usha Titus, Principal Secretary, Environment Department
5. Dr. Sharmila Mary Joseph, Secretary Health (Ayush) Department, Representing Principle Secretary, Health and Family Welfare.

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. Dr. Sheela A. M., Senior Environmental Engineer, KSPCB, Head Office
6. Smt. Saritha D., Nodal Officer & Deputy Secretary, Health & Family Welfare Department
7. Smt. Minimol D., Joint Secretary, LSGD
8. Sri. Kesavan Nair, Managing Director, Clean Kerala Company Limited
9. Sri. Renju R. Pillai, Senior Consultant (Design), Suchitwa Mission
10. Sri. Salimkumar S., Secretary, Poonjar Grama Panchayath, Kottayam
11. Sri. Reni Simon, Secretary, Moonilavu Grama Panchayath, Kottayam
12. Sri. Sunny Mathew, Secretary, Kadaplamattom Grama Panchayath, Kottayam
13. Sri. K. Senkumar, Secretary, Kumaly Grama Panchayath, Idukki
14. Sri. Sahajan K.N., Secretay, Adimaly Grama Panchayath, Idukki
15. Sri. M.M. Anthru, Secretary, Pampakuda Grama Panchayath, Ernakulam
16. Sri. Shaji B. Nair, Health Inspector, Pampakuda Grama Panchayath, Ernakulam
17. Sri. J. Rajesh, Secretary, Kalady Grama Panchayath, Ernakulam
18. Sri. S. Shaji, Secretary, Chottanikkara Grama Panchayath, Ernakulam
19. Sri. Radhakrishnan, Secretary, Thrissur Corporation
20. Sri. Seby Ouseph, Health Inspector, Thrissur Corporation
21. Smt. Sunitha K.V., Assistant Secretary, Manalur Grama Panchayath, Thrissur
22. Smt. Ajitha K., Secretary, Parappukkara Grama Panchayath, Thrissur
23. Sri. V.M. Natarajan, Secretary, Perinjanam Grama Panchayath, Thrissur
24. Sri. K.K. Manoj, Municipal Secretary, Kunnamkulam Municipality, Thrissur

25. Sri. Josemon J., Environmental Engineer, KSPCB, District Office, Kottayam
26. Sri. A.M. Harees, Assistant Environmental Engineer, KSPCB, District Office-1, Ernakulam
27. Smt. Shahana M.A., Assistant Environmental Engineer, KSPCB, Regional Office, Ernakulam
28. Smt. Suseela Nair V.A., Environmental Engineer, KSPCB, District Office, Thrissur
29. Sri. Dinesh K.S., Environmental Engineer, KSPCB, District Office-2, Ernakulam
30. Sri. Eby Varghese, Environmental Engineer, KSPCB, District Office, Idukki
31. Sri. Tom Joseph, Technical Assistant, KSPCB, Head Office
32. Smt. Bindu V. Gopal, Environmental Engineer, KSPCB, Head Office
33. Miss. Jisha. T.J., Assistant Engineer, KSPCB, Head Office
34. Smt. Veena M., Legal Assistant, KSPCB, Head Office
35. Smt. Deepthi S., CA, KSPCB, Head Office.

The Ninth meeting of the State Level Monitoring Committee constituted by the Hon'ble National Green Tribunal was held at 2.00 p.m. on 28th October 2019 at Govt. Guest House, Thycaudu, Thiruvananthapuram with the Chairman presiding. The Chairman welcomed all members and other participants.

The Chairman SLMC appraised the gathering regarding the importance of the meeting. He reminded that the six months time allowed by the NGT to the model local bodies to comply with the Environmental Laws is already over.

AGENDA ITEMS DISCUSSED

I. Approval of minutes of the 8th meeting SLMC

Read and passed the minutes of the 8th meeting of the SLMC held on 26/09/2019.

II. Evaluation of progress of Waste Management in model local bodies of Kottayam District

A. Kadaplamatom Panchayath:

The Secretary, Kadaplamatom Panchayath submitted the following:

- There is 100% achievement in collection of non biodegradable waste from households of 13 wards.
- Compost pits are provided in households for biodegradable waste treatment.
- Bottle booth will be provided in Kuruvilangad.
- Thumboormozhi type biodegradable waste treatment facility has been installed in Panchayath Community hall.

The Chairman, SLMC suggested that common waste collection point/points be identified for facilitating waste disposal by persons who are unable to handover waste during Door to Door collection.

The Additional Chief Secretary, Local Self Government Department suggested that a passbook facility be created to record the weight of the material sent to the RRF.

On enquiry, the Environmental Engineer, District Office, KSPCB, Kottayam endorsed the views expressed by the Secretary, Kadaplamatom Panchayath. He added that there is no much pollution problem in the canals flowing through the Panchayath.

B. Moonilavu Grama Panchayath:

The Secretary, Moonilavu Panchayath submitted the following:

- The achievement in door to door collection of non-biodegradable waste from the households of the Panchayath is 90%.
- Details of non-biodegradable waste collection from households are recorded.
- Collected waste is reated in the MCF provided in the Panchayath.
- The achievement of collection of non-biodegradable waste from the shops and other establishment in the Panchayath is 95%.
- RRF is installed in Erattupetta but shredding has not been started yet.
- Training has been given to Haritha Karma Sena.

The Chairman, SLMC directed that shredding process be commenced without any further delay as RRF has already been installed.

The Additional Chief Secretary, Local Self Government Department suggested that the result/outcomes of the activities be quantified.

C. Poonjar Panchayath:

The Secretary, Poonjar Panchayath submitted the following:

- The achievement in door to door collection of non-biodegradable waste in the Panchayath is 90%.
- RRF is not provided in the Panchayath.
- Three hundred and ninety Kg of non-biodegradable wastes are collected/monthly.
- A small fraction of the public is not cooperating with Haritha Karma Sena.

The Chairman, Kerala State Pollution Control Board enquired about average waste collection from houses in one month.

The Additional Chief Secretary, Local Self Government Department pointed out that reported waste collection seems to be low, which shows that the collection is not proper.

The Member Secretary enquired about the waste management of auditoriums in the Panchayath and also enquired whether DLMC has been convened.

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

A. Adimali Panchayath:

The Secretary, Adimali Panchayath submitted the following:

- Aerobic Compost units are installed for biodegradable waste treatment.
- Plastic wastes are collected and converted to granules using extruder.
- Bottle booths have been installed.
- Biogas plant is being installed in the market and the work will be completed in two months time.
- Use of plastic has been banned in auditoriums.
- Fine of 1.15 lakhs has been collected.



- Collectors at School scheme has been introduced in all schools in the Panchayath.

The Chairman, SLMC enquired whether any forest area is coming within the jurisdiction of the Panchayath and remarked that forest check posts be alerted to ensure that Construction and Demolition waste and E-waste do not enter the forest area.

The Senior Consultant, Suchitwa Mission pointed out that the nuisance due to house fly larvae occurs when the wetness in the ring compost facility increases.

The Additional Chief Secretary, LSGD opined that Suchitwa mission should conduct research to control housefly larvae nuisance.

The Member Secretary remarked that larvae nuisance is present in pipe compost also. She enquired whether any bio remediation is done in old dump site.

The Principal Secretary, Environment Department remarked that old dump site should be identified and should to be converted to 'Miyawaki' forest in consultation with Bio Diversity Board.

The Additional Chief Secretary, Local Self Government Department also remarked that notices to Sabarimala pilgrims should be displayed in different languages as the Panchayath covers a portion of the pilgrim route.

Efforts of the Adimaly Panchayath was appreciated by the Committee. The Committee remarked that the Panchayath should keep up the efforts and the other Panchayath should emulate the efforts of Adimaly Panchayath.

B. Kumaly Panchayath:

The Secretary, Kumaly Panchayath submitted the following:

- The achievement in door to door collection of non-biodegradable waste in the Panchayath is 90%.
- Source level treatment is provided for bio degradable waste.
- Centralized facility is also provided for bio degradable waste.
- There are twenty Haritha Karma Sena members.
- There is an overall achievement of 90%.

The Additional Chief Secretary, Local Self Government Department suggested that awareness has to be given regarding environment laws in different languages as the Panchayath covers a portion of the Sabarimala Pilgrim route.

The Environmental Engineer, District Office, KSPCB, Idukki reported that out of twenty one wards in Adimaly Panchayath, collection is being done regularly in nine wards. He also pointed out that, out of ten wards visited by the Board Officers, regular collection was seen in eight wards.

The Member Secretary enquired whether door to door collection being done in covered vehicle.

C. Nedumkandam Panchayath:

There was no representation from Nedumkandam Panchayath.

The Committee decided to call for explanation from the Secretary, Nedumkandam Panchayath for the absence inspite of the notice issued. It was also decided that the Secretary, Nedumkandam Panchayath be heard in the next meeting of the SLMC to be held on 8th November 2019.

IV. Evaluation of progress of Waste Management in model local bodies of Ernakulam District

A. Chottanikkara Panchayath:

The Secretary, Chottanikkara Grama Panchayath submitted the following:

- There are fourteen wards in the Panchayath and twenty eight Haritha Karma Sena Members.
- Achievement is 90%.
- Thumboormozhi decentralized facility is installed in Panchayath land.
- Cameras have been installed to discourage dumping of waste.

The Chairman, SLMC directed that Green Protocol be insisted in all institutions and religious place during festivities.

The Principal Secretary, Environmental Department suggested that plastic covers and carry bags in all shops including the flower vendors in and around Chottanikkara Temple be banned.

The Additional Chief Secretary, Local Self Government Department remarked that the Chottanikara Temple in the Panchayath is the most visited pilgrimage in Kerala after Guruvayoor. Therefore it was suggested that awareness boards in different languages be displayed regarding Green Protocol and Waste Management in the Panchayath area.

The Committee directed the Pollution Control Board to follow up the construction of STP in Chottanikkara Temple.

The Assistant Environmental Engineer, KSPCB, District Office-1, Ernakulam reported that though consent had been issued to Chottanikkara Temple for setting up a sewage treatment plant, the same has not been established so far.

B. Kalady Panchayath:

The Secretary, Kalady Panchayath submitted the following:

- There are seventeen wards in the Panchayath.
- Biodegradable wastes are being collected only from markets.
- User fee has been fixed and collected from shops & houses
- Squads are formed for controlling plastic waste.

The Chairman, SLMC suggested that effective measures be taken for abating the odor nuisance from Bone meal plant near the Kalady University and the Pollution Control Board was directed to conduct an inspection and take necessary action.

The Chairman Kerala State Pollution Control Board remarked that effective odor control technology is now available and action is being taken in this regard.

The Additional Chief Secretary, Local Self Government Department remarked that waste treatment is not satisfactory.

The Member Secretary, Kerala State Pollution Control Board enquired regarding the treatment of waste water from the market.

C. Pampakuda Grama Panchayath:

The Secretary, Pampakuda Panchayath Submitted the following:

- Non bio degradable waste from thirteen wards are being collected by twenty one Haritha Karma Sena Members.
- Two Thumboormozhi decentralized facility is provided in the Panchayath.
- Forty notices have been issued to violators.
- Disposal of bio degradable wastes are done by household itself.
- Awareness programs have been conducted in the Panchayath.

The Environmental Engineer, Kerala State Pollution Control Board, District Office-II, Ernakulam reported that industrial establishments are less in this Panchayath.

The Additional Chief Secretary, Local Self Government Department remarked that Pampakuda Panchayath should take proactive measures for waste management.

The Chairman SLMC warned that if progress is not achieved it will attract fine from NGT.

V. Evaluation of progress of Waste Management in model local bodies of Thrissur District

A. Thrissur Corporation:

The Secretary Thrissur Corporation Submitted the following:

- There are fifty five wards in the Corporation and one hundred forty five waste collectors.
- Seven MCFs and three RRFs are provided in the Corporation.
- The achievement in wet waste collection is 20%.
- Decentralized facilities are provided in households for bio degradable waste treatment.
- Collectors at school scheme is introduced in the Corporation.
- The Corporation is planning to ban one time use plastics from November onwards.
- Site has been identified for establishing solid waste treatment facility.

The Chairman, SLMC remarked that the opposition raised by the public to the waste treatment facility is due to the fear that their land value would diminish.

The Chairman, Kerala State Pollution Control Board said that a scheme for compensation of lost land value in buffer zone should be worked out to overcome the opposition of the near by people.

The Chairman, SLMC as well as the Additional Chief Secretary, Local Self Government Department opined that the possibility of providing employment opportunities to the nearby residents in the upcoming facility should be explored.

The Environmental Engineer, KSPCB, District Office, Thrissur reported that the Corporation has not applied for Consent to Establish of the waste treatment plant.

The Member Secretary, Kerala State Pollution Control Board suggested that site should be selected according to the existing guidelines of MSW plants prepared by the Board.

B. Kunnamkulam Municipality

The Secretary, Kunnamkulam Panchayath Submitted the following:

- There are thirty seven wards in the municipality.
- The achievement of collection of dry waste from households and establishments in the municipality is 100%.
- Source level treatment of wet waste is in operation in all households.
- Centralized system for wet waste treatment is also provided.
- Two hundred and eighty six cases have been registered for illegal dumping and 13.5 Lakhs Rupees has been collected as fine
- Carry bags less than 50µ thickness have been seized and fine has been imposed.
- A sum of Rs.75000/- has been collected as fine for illegal burning of plastic.
- Thumboormozhi model wet waste treatment is provided in all schools.
- Green Protocol has been strictly enforced.
- Municipality is planning to setup a sewage treatment plant and septage Treatment Plant for treatment of waste water.

The Chairman, SLMC remarked that there is substantial improvement in waste management in the Municipality.

The Additional Chief Secretary, Local Self Government Department suggested that bottle booths should be installed at appropriate places.

The Member Secretary, remarked that waste water collection and treatment should also be done.

C. Manalur Panchayath:

The Assistant Secretary, Manalur Panchayath submitted the following:

- Dry waste collection from 8000 households out of the total 9467 households is being done.
- Bio degradable waste is not collected from households.
- Thumboormozhi model bio degradable waste treatment facility will be installed in public place.
- Catering units have provided biogas plants.
- Steel plates and glass has been provided by Kudumbasree and rented out to avoid use of one time plastic plates and glasses.

D. Parapukkara Panchayath:

The Secretary, Parapukkara Panchayath submitted the following:

- All households having source level wet waste treatment system
- Centralized system for wet waste treatment is provided.
- Auditoriums have provided bio gas plant.
- Two MCFs are installed in the Panchayath.
- There is a difficulty in collecting plastic waste as the Clean Kerala Company is not taking the collected waste.

The Additional Chief Secretary, Local Self Government Department instructed the Clean Kerala Company Managing Director to provide necessary arrangements to collect plastic wastes from the Panchayath, so as to facilitate collection of plastics.

E. Perinjanam Panchayath:

The Secretary, Perinjanam Panchayath submitted the following:

- The achievement of dry waste collection is 100%.
- All households and establishments are having source level treatment facility.
- One MCF and RRF have been setup in the Panchayath.

The Member Secretary enquired whether squad has been constituted as per NGT order for checking illegal manufacturing, stocking, sale of <50microns thickness plastic carry bags and whether Pollution Control Board officer has been made a member of the squad.

The following Resolutions were taken in the meeting:

1. Local bodies should ensure that catering groups functioning in their respective area put up digester for treatment of bio degradable waste generated.
2. Good/Best practices followed by Panchayaths should be made known to all local bodies, so that it can be taken up by other local bodies also. This can be given as write up in magazines such as Panchayath Raj, Janapadham etc.
3. 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.
4. All the Secretaries should familiarize with the working of Thumboormozhi facility.

5. The details of week by week actions and progress achieved by the local bodies should be sent to DDP, District Panchayath, Pollution Control Board, Head Office.
6. Best practices of all local bodies should be categorized by Suchithwa Mission.
7. Clean Kerala Company should take action to take plastics from the local bodies.
8. The Member Secretary is authorized to call for reports o
 - a) the frequency of the meetings of District Level Monitoring Committees,
 - b) the copies of the minutes of such meetings,
 - c) formation of the District Environmental Action Plan as directed by the NGT.
 - d) Details regarding the training programs conducted in the District as decided in the start up meetings.

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



CHAIRMAN