



ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ Karnataka State Pollution Control Board

“ಪರಿಸರಭವನ”, 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ.49, ಚರ್ಚ್‌ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA

No. PCB/SEO(WMC)/MSW/2016

DATE: 10.4.2016

Minutes of the meeting held with NGOS and Resident Welfare Associations at Tejaswi Auditorium, Parisara Bhavan, 3rd Floor, #49, Church Street, KSPCB, Bangalore Bangalore, on 09-03-2016 at 11-30 AM.

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| Presiding Officer | : | Shri Laxman-Chairman, KSPCB |
| In the presence of | | Shri Shanthappa, IFS--- Member Secretary, KSPCB |
| Board members present | | 1. Shri (Dr) Jayaprakash Alva 2. Shri Mohn Kondajji 3. Shri Kaveriappa |
| Officers of the Board present | : | 1) Shri S Nandakumar- CEO 2) Shri. A. Ramesh --Senior Environmental Officer- WMC, KSPCB, |

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A meeting of NGO's and Residents welfare association was called with an objective of knowing the "Programmes implemented by NGO's and Residents welfare association in the field of Solid Waste Management, their Future plans in the said field and the expectation from the Karnataka State Pollution Control Board".

The list of NGOS and Residents Welfare Association who attended the meeting is enclosed as **Annexure-1**.

At the very outset, Dr. Jayaprakash Alva welcomed all the NGOs and the Resident welfare associations to the meeting and explained the objectives of the meeting. He invited them to speak out one by one about their activities and the kind of support they expected from the Board.

The issues came up for discussions are pertaining to household E-waste management including establishment of collection centers for e-waste at the ward levels, Problems faced in scientific disposal of Sanitary napkins, Standards for compost quality, showcasing of all types of available composting solutions for the benefit of general public, scientific management of construction debris generated during building of individual households, dumping of debris in the lake and lake beds, Problems faced by the public in the surroundings of MSW Sites at Mavallipura, Seegehalli Kannahalli and M/s Sunray composting facility, Segregation of waste at source and the difficulties faced by the sellers of composting technologies because of the usage of the word "Organic convertors" in the consents issued by the Board, Zero Waste Solid Waste Management at each ward, abuse of

land earmarked for SWM by real estate lobbies, need of technology validation for house hold and decentralized solid waste management, Sanitary Waste Management by incineration, management of non hazardous solid waste , involvement of school students for SWM awareness, amongst others.

Many valuable suggestions were given by the participants, which are as follows:

- KSPCB to insist BBMP for setting up of E waste Collection Centres at the Ward level and enable door to door collection of e-waste.
- To develop collection mechanisms or centres which will receive not only the Electronic, Electrical waste which have scrap values, but, those of damaged tube- lights, CFL bulbs etc, which have no scrap values.
- KSPCB to encourage more Tube lights and CFLs crushing units. A wide publicity to be given in this regard requesting all the citizens to co-operate.
- There is necessity for additional Common Bio Medical Waste Management facilities in Bengaluru. Facilities shall collect domestic sanitary waste.
- KSPCB to take action to write to CPCB about revision of standards for compost quality for the smaller domestic waste compost machines to include parameters like EC (electrical conductivity) which are not part of the standards as of now.
- KSPCB to conduct an exposition of the all the composting solutions available in the market in their Peenya premises. This would provide an opportunity to review and evaluate the product solutions.
- As a part of mandatory consent condition, KSPCB is insisting all apartments to install organic waste converters for treating their municipal solid waste, but, as, these Organic waste converters (or OWCs) are synonymous with the product of one particular company in the market, it was reported that the apartments are mistaking the consent condition for installing only the organic waste converters. They are not accepting any other waste processing solutions offered to them. To solve this problem, KSPCB required to change the consent condition as, "Organic waste processing solutions" instead of "Organic waste Converter".
- The Regional Officers of the KSPCB to be present during monthly meetings of residents association called by Yelahanka Eco group.
- Zonal waste management model being developed by Yelahanka Eco group with the support of the special commissioner, BBMP shall be monitored and replicated to other wards depending upon its performance.
- KSPCB to issue directions to Cement kilns to take up the lifting of the plastic bales from the local bodies at their own cost as part of their CSR activities.

- To have regular meeting to review the progress of the issues raised in the meetings.
- To insist GPS technology for tracking the vehicles movement which are carrying solid waste.
- Similar action initiated by H.S.R Citizen Forum regarding plastic free area to be adopted in other places.
- Local people required to be heard during public consultation for environmental clearance.
- Validation of operation for Waste to Energy projects.
- Green brigade consisting of about 250 students' in each ward schools can be formed.
- Garden shredders shall be installed in each park for shredding of dry leaves.
- To stop receiving waste and also remove accumulated solid waste from Mavallipura solid waste sites.
- Solid waste shall not be handled at Municipal solid waste facilities at Kannahalli and Segehalli since it is causing environmental damage

After hearing all the suggestions from the NGOS and the resident welfare associations, Chairman, assured that KSPCB would positively accept the suggestions which are relevant in the larger interest of the public and for which it has mandate and made the following concluding remarks:

- Formation of a Squad comprising of 4 AEOs for monitoring of Lakes and dumping of construction Debris in the lakes. Mobile Surveillance vans like Hoysala police service to be provided to them.
- Visit by Chairman, KSPCB to Mavallipura waste management site, Sigehalli and Kannahalli waste management sites.
- Pursue the corporate sector for Waste Management under CSR.
- KSPCB to constitute a toll free Cell for receiving public complaints.
- Interactive meeting of the civic stakeholders by KSPCB once in 2 months.
- KSPCB to encourage more Tube lights and CFLs crushing units. A wide publicity to be given in this regard requesting all the citizens to co-operate.
- KSPCB to consider the request to change the consent condition as, "Organic waste processing solutions" instead of "Organic waste Converter".
- KSPCB to take action to write to CPCB about revision of standards for compost quality for the smaller domestic waste compost machines to include parameters like EC (electrical conductivity) which are not part of the standards as of now

Sd/-
CHAIRMAN
KSPCB, BANGALORE


SENIOR ENVIRONMENTAL OFFICER,
WASTE MANAGEMENT CELL



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Karnataka State Pollution Control Board

"ಪರಿಸರಭವನ", 1 ರಿಂದ 5ನೇ ಮಹಡಿಗಳು, ನಂ.49, ಚರ್ಚ್‌ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA

NO.PCB/SEO(WMC)/LAKE/2016. 207

Date: 18 APR 2016

**Minutes of the meeting held with NGOS at Tejaswi Auditorium,
Parisara Bhavan, Bangalore, on 09-03-2016 at 2.30 PM.**

Venue : No. 49, "Parisara Bhavan, 3rd Floor,
Church Street, KSPCB, Bangalore.

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| Presiding Officer | : | Shri. Laxman, Chairman, Karnataka State Pollution Control Board, Bangalore. |
| In the Presence of | : | Shri. Shanthappa IFS, Member Secretary, KSPCB, Bangalore. |
| Board Members | : | 1. Sri (Dr.) Jayaprakash Alva. 2. Sri Mohn Kondajji 3. Sri. Kaveriappa |
| Officers of the Board present | : | 1. Sri.S.Nandakumar, CEO 2. Sri.A.Ramesh, SEO, WMC, KSPCB, |

A Meeting of NGO's and Residents Welfare Association was called with an Objective.

"Programmes implemented by NGO's and Residents Welfare Association in the field of lake restoration, their future plans in the said field and the expectation from the Karnataka State Pollution Control Board in this regard".

The list of NGO's and Residents Welfare Association who attended the meeting is enclosed as Annexure-I.

At the very outset, Dr. Jayaprakash Alva welcomed all the NGO's to the meeting and explained that the Objectives of the meeting. He invited them to speak out one by one about their activities and the kind of support they expected from the Board.

The issues came up for discussions are pertaining Sewage discharged in lakes, Sanction given to builders in buffer zone of lakes, effective functioning of watch dog committee, decimation of information by the Board, solid waste disposal on tank bund etc.,

Many valuable suggestions were given by the participants, which are as follows:

- Allowing private STP's to let out treated water to lakes.
- Single window agency to handle lakes rejuvenation.
- Information pertaining to lake watchdog committee, List of industries which have got KSPCB permission are to be put up in Board's website.
- Lake Watchdog committee shall meet frequently.
- Providing silt, thrash traps in storm water Drains.
- Quarterly report on each of the water bodies required to be updated in the website by the Board.
- Sewage treatment plant of BWSSB is to be operated to its full capacity (STP in Cubbon park is not utilized for full capacity).
- K.K.English School, Verthur is willing to spare some space in its premises for setting up water quality analysis center.
- CO-ordination among various Government Agencies is required.
- Preparation of an urban watershed management plan to rejuvenate lake.
- Establishment of Sewage Treatment Plant at the entry point to the lake.
- All the lakes required to be fenced.
- Installation of fountain in Ulsoor lake which helps in aeration.
- Stake holders shall invest money in research related work.
- Online monitoring of lake water.
- Regulation of fishing.
- Avoid segregation of garbage of BBMP next to lake.

Sri. Ramakrishna, Chief Engineer, BWSSB informed regarding the plan of BWSSB for sewage management.

Chairman of Pollution Control Board concluded :-

- Four Officers will be deployed to identify points of pollution, sewage flow.
- Increased vigilance against polluting industries.
- Water quality monitoring report by the Board to be updated in Board website and communicated to the stake holders.
- Suggestions given during the meeting will be looked into.

Sd/-

CHAIRMAN,
KSPCB, BANGALORE


SENIOR ENVIRONMENTAL OFFICER,
WASTE MANAGEMENT CELL,