

ಫ್ಯಾಕ್ಸ್ / Fax : 080-25586321

ಈಮೇಲ್ / E-mail : ho@kspcb.gov.in

ವೆಬ್‌ಸೈಟ್ / Website : http://kspcb.gov.in



25581383, 25589112
25588151, 25588270
25588142, 25586520

ಕರ್ನಾಟಕ ರಾಜ್ಯ ಮಾಲಿನ್ಯ ನಿಯಂತ್ರಣ ಮಂಡಳಿ Karnataka State Pollution Control Board

“ಪರಿಸರ ಭವನ”, 1 ರಿಂದ 5 ನೇ ಮಹಡಿಗಳು, ನಂ. 49, ಚರ್ಚ್ ಸ್ಟ್ರೀಟ್, ಬೆಂಗಳೂರು - 560 001, ಕರ್ನಾಟಕ, ಭಾರತ
"Parisara Bhavana", 1st to 5th Floor, # 49, Church Street, Bengaluru - 560 001, Karnataka, INDIA
No. PCB/WMC-1/SWM/3/PROC./2023 / 258 Date: 17 APR 2023

PROCEEDINGS OF THE MEETING CONDUCTED TO DELIBERATE ON THE IMPLEMENTATION OF GUIDELINES FOR DISPOSAL OF CIGARETTE AND BIDI BUTTS IN KARNATAKA PUBLISHED BY CPCB HELD ON 15.03.2023 AT 3RD FLOOR, BOARD MEETING HALL, KARNATAKA STATE POLLUTION CONTROL BOARD, PARISARA BHAVANA, CHURCH STREET, BENGALURU-560001.

Preamble:

The Central Pollution Control Board (CPCB) has come up with guidelines for disposal of Cigarette/Bidi butts on 1st November 2022. In order to deliberate on implementation of said CPCB guidelines, a meeting of the stakeholders was conducted. (List of participants is enclosed as Annexure).

Member Secretary, KSPCB, Sri. H.C. Girish, IFS presided over the meeting.

Sri C. Ramesha, EO, WMC-1 welcomed the Member Secretary and all the participants for the meeting. Smt. Viji Karthikeyan, SEO, WMC-1 highlighted the following key recommendations of the said guidelines:

1. Creating public awareness on adverse impact of littering of cigarette butts. Cigarette manufacturers to supply timely and regular information and data on the environmental and health risks of littering of cigarette butts throughout their distribution channel (**Action: Cigarette/Bidi manufacturers**).
2. Smoking in public area, outdoor, indoor and workplace areas to be strictly prohibited. Fine to be imposed on violators by the local authorities. Provisions for the same may be included in the local byelaws (**Action: Local Authority**).
3. Littering of cigarette butt to be strictly prohibited. Provision for levying and enforcement of fine to be made for littering of cigarette butts. Adequate provisions to be included in the local bye- laws (**Action: Local Authorities**).
4. Domestic smokers to segregate the cigarette butts along with the dry waste (**Action: Domestic Smokers**).
5. Disposal of cigarette butts shall either be through recycling or through end of life methods such as waste to energy or co-processing (**Action Commercial Establishment / Institutions, Local Authorities**).
6. Instruction for safe disposal of cigarette butts to be clearly provided on each cigarette packet (**Action: Cigarette /Bidi manufacturers**).

Page 1 of 5

Sri Prabhakar, highlighted that there is WHO report wherein it is stated that tobacco product waste contains over 7000 toxic chemicals, including known human carcinogens, which leach into and accumulate in the environment. Harmful chemicals leached from discarded butts, which include nicotine, arsenic and heavy metals, can be acutely toxic to aquatic organisms; cellulose acetate-based cigarette filters do not biodegrade under most circumstances because of their compressed make up and the presence of acetyl molecules. However, under specific circumstances (with sunlight and moisture), the cigarette filters may break into smaller plastic pieces containing and eventually leaching out some of the 7000 chemicals contained in a cigarette. Many of these chemicals are themselves environmentally toxic, and at least 50 are known human carcinogens. Studies have also shown that harmful chemicals such as nicotine, arsenic, polycyclic aromatic hydrocarbons (PAHs) and heavy metals leach from discarded tobacco product waste, and can be acutely toxic to aquatic organisms such as fish.

The views of various participants expressed during the meeting are summarised below:

- 1. Representatives of M/s. ITC Ltd.:** Informed that only secondary cellulose acetate is used in cigarette making, which is hydrophilic, biodegradable and nontoxic in nature. Therefore, it is to be considered as normal solid waste only. He also stated that they are working with local bodies for disposal of non-biodegradable fraction of solid waste along with which bidi and cigarette butts are being disposed. They stated that, they are displaying "Smoking is Injurious to Health" and there is no space in the cigarette pack to display instructions for safe disposal of cigarette butts as required in the guidelines.
- 2. Representatives of State Tobacco Control Cell, Department of Health and Family Welfare:** Informed that smoking is the cause of nearly 13 lakh deaths world over. The WHO theme for 31.05.2022 was "No Tobacco Day". Further, animals are eating cigarette butts which is mixed with food waste, thus getting into the food chain. Though smoking is banned in bakery, restaurants, petty shops and public places, it still occurs. There are about 31 District Tobacco Control Cells in the State, wherein 176 squads have been formed and so far more than 100 cases have been booked. Butts are thrown nearby these shops and there is no disposal system. Hence, source segregation of cigarette butts is important and tobacco users/retailers need to be educated. The responsibility of safe disposal of butts could be given to the District Tobacco Control Cells.
- 3. Representatives of Directorate of Municipal Administration (DMA):** Informed that all sellers of tobacco products should obtain licence from local body in accordance with the Karnataka Municipalities Act, 1964. They requested for Standard Operating Procedure (SOP) to implement the CPCB guidelines.
- 4. Representatives of Pan and Petty Shop Association:** Informed that there are 2 lakh retailers of bidis throughout the State. Hence, strict implementation of guidelines

requested to reconsider action against petty shops for violation by smokers.

5. **Dr. S. G. Sreekanteswara Swamy (Former Executive Secretary, Karnataka State Council for Science and Technology), Image Eco tap:** Dr. S. G. Sreekanteswara Swamy informed that there is tendency among few people especially youngsters to buy only one or two cigarettes from the pack for smoking in front of petty shops and throw the butts on ground instead of dustbins meant for cigarette butts. He advised that tobacco product manufacturers can do research on biodegradable filters.
6. **Representatives of Bruhat Bengaluru Mahanagara Palike (BBMP):** Informed ITC can help BBMP in formulation of method for collection and disposal of bidi and cigarette butts.
7. **Representative of Central Pollution Control Board (CPCB):** Informed that the guidelines that are published by CPCB is binding on the manufacturer and they can represent to CPCB if they find difficulty in implementing the guidelines. Further, co-processing of bidi and cigarette butts in cement kilns could be an option.
8. **Sri. Sunil, K.H Environmental consultant:** Informed that they have conducted cigarette butt litter free campaign and have observed that discarded bidi and cigarette butts are getting into the sewage and entering the Sewage Treatment Plants (STP) thus affecting the performance of the STPs. So, there is need to place dedicated bins for cigarette butts in front of shops.
9. **Sri Mahesh Reddy, Image Eco Tap:** Informed that this meeting is called by KSPCB especially to sensitise the stakeholders for safe disposal of cigarette /bidi butts in line with the NGT directions and the CPCB guidelines. A system has to be worked out by the manufacturer and local body for collection of the discarded cigarette / bidi butts which has become an environmental problem. After collection there has to be a proper disposal system which has to be monitored by the local body. ITC and other cigarette manufacturers have R&D wing in their industry who can work in this direction and think of the possibility of reducing the filters used in the cigarettes. These companies could also help in providing the bins with proper labelling for the proposed pilot project of BBMP for disposal of cigarette butts as a part of CSR activity.

After detailed deliberations, and considering all the opinion of the participants, the Presiding Officer issued the following directions;

1. KSPCB, State Tobacco Cell and CPCB to write to Ministry of Health and Family Welfare, Gol to direct manufacturers of bidi and cigarette to print disposal instruction on packets of bidi/cigarettes.
2. State Tobacco Control Cell, Department of Health and Family Welfare to form a Committee consisting of the stake holders (including DMA) and assist DMA in formulation of SOP for safe and scientific disposal of cigarette / bidi butts and submit the SOP to KSPCB within 10 days.

3. BBMP to work with manufacturers of bidi/cigarette to place dedicated bins for collection of bidi/cigarette butts on experimental basis especially in smoking hotspots in the city (as a pilot project), which could then be extended throughout the State.

Presiding Officer

MEMBER SECRETARY

KSPCB

To,

1. The Secretary, Urban Development Department, Room No. 436, Vikasa Soudha, Bengaluru
2. The Secretary, Department of Health and Family Welfare # 105, 1 floor, Vikasa Soudha, Bengaluru - 560001
3. Commissioner, Rural Development (MGNREGS)m KSSIDC Building, Rajajinagar, Bengaluru - 560010
4. The Regional Director, Central Pollution Control Board, Nisarga Bhavan, Thimmaiha Road, 2nd Main Rd, Shivanagar, Basaveshwar Nagar, Bengaluru 560079
5. Commissioner, The Bruhat Bengaluru Mahanagara Palike, N.R Square, Bengaluru 560002
6. The Director, Directorate of Municipal Administration, Ambedkar Road, 9th & 10th Floor, Vishveshwariah Tower, Sampangi Rama Nagar, Bengaluru, Karnataka 560001.
7. Joint Director (Medical) and Secretary, State Tobacco Control Cell, Department of Health and Family Welfare, Arogya soudha, Magadi Road, Bengaluru
8. M/s ITC Limited, Meenakunte Village, Jallahobli, Bengaluru (North) 562157
9. Sri. Mahesh Reddy, M/s. Image Eco Tap, #489, 6th Cross, Shanti Layout, Ramamurthy Nagar, Bengaluru -560016.

ANNEXURE

Sl. No.	Name of the Participants	Designation
1.	Sri. Yoganand. M.N	Senior Environmental Officer, Waste Management Cell-2, KSPCB
2.	Smt. Anjana Kumari V	Scientist D, CPCB, Regional Directorate, Bengaluru
3.	Sri. Ravindra B Mallapura	Joint Director, Swatch Bharat Mission, DMA
4.	Dr. N. Kiran Kumar	Joint Director- Medicine, Department of Health and Family Welfare
5.	Dr. Sandya. M.N.	Medical Officer of Health, Bruhat Bengaluru Mahanagara Palike
6.	Sri. M. Rudresh Murthy	Environmental Officer, Waste Management Cell-2, KSPCB
7.	Sri. Ramesha C	Environmental Officer, Waste Management Cell-1&2, KSPCB
8.	Sri. H. Muniram	Vice President, Karnataka State Pan and Petty Shop Association
9.	Sri. Hemanth Kumar	Amit tea stall
10.	Sunil K.H	Environmental Consultant
11.	Sri. Sathyanathan S	M/s. ITC Ltd.
12.	Dr. S.G. Sreekanteswara Swamy	M/s. Image Eco tap
13.	Sri. Mahesh Reddy	M/s. Image Eco tap
14.	Smt. Bhanumathi V	M/s. Assistant Executive Engineer, DMA
15.	Sri. Prabhakara	Project Manager, Stake Tobacco Control Cell, Karnataka