

MINUTES OF ENVIRONMENTAL PUBLIC HEARING

MINUTES OF THE PUBLIC HEARING IN RESPECT OF PROJECT OF COMMON BIO-MEDICAL WASTE, TREATMENT, STORAGE AND DISPOSAL FACILITY (CBMWTSDf) FOR PUNE MUNICIPAL CORPORATION AND ADJOINING AREA OPERATED BY PASSCO ENVIRONMENTAL SOLUTIONS PVT.LTD. (BY DISMANTLING THE EXISTING CBMWTSDf AND INSTALLING A NEW, MODERN FACILITY WITH ENHANCED CAPACITY IN COMPLIANCE WITH BIO-MEDICAL WASTE MANAGEMENT RULES, 2016) AT KAILASH CREMATORIUM COMPOUND, SANGAMWADI, NEAR NAIDU HOSPITAL, PUNE, MAHARASHTRA PROPOSED BY PUNE MUNICIPAL CORPORATION, MAIN BUILDING, NEAR MANGALA THEATRE, SHIVAJINAGAR, PUNE.

The public hearing for proposed project of 'Common Bio-Medical Waste, Treatment, Storage and Disposal Facility' (CBMWTSDf) for Pune Municipal Corporation and adjoining area (By Dismantling the existing CBMWTSDf and Installing a New, Modern Facility with enhanced capacity in compliance with Bio-Medical Waste Management Rules, 2016) at Kailash Crematorium Compound, Sangamwadi, Pune, Maharashtra proposed by Pune Municipal Corporation, Main Building, Near Mangala Theatre, Shivajinagar, Pune was conducted on 09th October, 2018 at Pandit Jawaharlal Nehru Sanskrutik Bhavan and Raja Ravi Varma Art Gallery, Opp. Mahatma Phule Museum, Ghole Road, Shivajinagar, Pune at 11.00 a.m.

Following were the panel members as per Board's Office Order No. E - 79 of 2018 under letter no. BO/JD (WPC)/PH/B-3562 , dated 24-09-2018 :-

- 1) Dr. Jayashree Katare - Chairman,
Addl. Divisional Magistrate, Pune
(Representative of District Magistrate,
Pune)
- 2) Dr. H. D. Gandhe, - Member
I/c Regional Officer, MPCB, Pune
(representative of MPCB, Mumbai)
- 3) Shri Nitin Shinde, - Convener
Sub Regional Officer, Pune-I,
MPCB, Pune

Shri Nitin Shinde, Convener of the Public Hearing Committee and Sub Regional Officer, Pune-I, MPCB, Pune welcomed Hon'ble Chairman of the public hearing, company officials and public who were present in large number and informed that as per the EIA Notification of Ministry of Environment, Forest & Climate Change, Govt. of India, (i.e. MoEFCC, GoI) dated 14th September, 2006 as amended on 1st December, 2009, it is mandatory to conduct prior public consultation to certain projects which are covered in the schedule of the said Notification. The Sub Regional Office, Pune-I, MPCB, Pune was in receipt of application of Facility Operator of the Common Bio-Medical Waste Treatment Facility for Pune Municipal Corporation and adjoining area i.e. M/s Passco Environmental Solutions Pvt. Ltd., Pune-411 004 for proposed project of 'Common Bio-Medical Waste, Treatment, Storage and Disposal Facility' (CBMWTSDf) for Pune Municipal Corporation and adjoining area (By Dismantling the existing CBMWTSDf and Installing a New, Modern Facility with enhanced capacity in compliance with Bio-Medical Waste Management Rules, 2016).

The Convener further informed that, as per EIA Notification, 2006, the category of project falls under Category B 7 (da). The

aim of conducting prior public consultation is to make aware, local people who can be participant in the hearing and they should know the activities and Environment Management Plan of the proposed project.

Convener of the meeting informed that the project proponent had submitted online prescribed application alongwith pre-feasibility report to the MoEFCC for Terms of Reference (ToR) for conduct of EIA studies on 27th April, 2016. The project was heard by the State EAC-I for ToR for EIA appoved in its 128th meeting held on 2nd June, 2016. Additional ToRs issued for conducting EIA during the meeting. Then Facility Operator submitted EIA report online to Maharashtra EAC on 21st November, 2017 and was presented before SEAC-I in its 145th meeting held on 30th December, 2017 and EAC recommended public consultation of the project.

Convener of the Public Hearing Committee informed that as per said Notification, 30 days' advance public notice was published in the local newspapers in Daily Loksatta for Marathi and in National Newspaper daily Indian Express for English on 09-09-2018. The public were appealed to send their suggestions or objections regarding the proposed expansion of the concerned unit.

Also a copy of EIA report and executive summery were made available at various offices of Government i.e. Ministry of Environment, Forest & Climate Change, Western Zone Office, Nagpur; District Magistrate Office, Pune, Additional District Magistrate Office, Pune, Zilla Parishad Office, Pune, District Industries Centre Office, Pune, Tahsil Office- Haveli, Dist, Pune, Office of Commissioner, Pune Municipal Corporation, Pune; Sub Regional Office, MPCB, Pune-I, Regional Office, MPCB, Pune and at Head Office of MPCB at Mumbai, Environment Department, Govt. of Maharashtra, Mumbai and on the website of MPCB. The public in general were appealed to send any suggestion or objection regarding the expansion modernisation of

above project. The Convener further informed that not a single objection/suggestion is received by local MPCB Office, Pune. He appealed Chairman of the Committee to allow to start the proceedings.

Dr. Jayashree Katare, Chairman of Public Hearing Committee and Additional District Magistrate, Pune welcomed all and informed officials of the project to explain the details of pollution control devices and environment management plan of the project in local language Marathi. She also appealed general public to give objection / suggestion if any about the project after their technical presentation.

The Environment Consultant appointed by the project proponent gave the presentation of the expansion & modernisation project and Environment Management Plan in detail.

After the presentations, Public Hearing Committee appealed all to give their suggestions or objections regarding the Environment Management Plan of the proposed expansion of the project.

Dr. Ramesh Dod, Professor, MIT College, Pune and former Expert Member of SEIA Committee, Environment Department, Govt. of Maharashtra who was attending the meeting remarked that as per the Bio-Medical Waste Management Rules, 2016, it is mandatory that the Facility Operator of CBMWTSDf should have minimum one acre of land for execution and operation of the Facility. It is not mentioned in the draft EIA report. He further asked that it is informed that the Facility Operator of CBMWTSDf has considered the growth in population upto 2050. But whether increase in generation of the bio-medical waste due to increase in Health Care Establishments (HCEs), Hospitals, Dispensaries and Pathological Laboratories is considered and whether the proposed Facility will be sustainable to treat the future bio-medical waste upto 2050?

Here Dr. Gandhe, Member of the Public Hearing Committee asked Facility Operator whether any socio-scientific survey is carried by the Owner of the Facility Local Body – Pune Municipal Corporation or Operator of the Facility –Passco for the propose increase in the bio-medical waste due to growth in population and increase in HCEs and Pathological laboratories. The Public Hearing Committee directed Owner of the Facility i.e. Local Body - Pune Municipal Corporation to give answer about the objection.

The officials of the Owner of the CBMWTSDf i.e. Pune Municipal Corporation informed that the piece of land of one acre is made available to the Facility Operator, which is mandatory as per Bio-Medical Waste Management Rules, 2016. It is informed that 12-15% growth in population is considered upto 2050. The same criteria is also considered for increase in HCEs, Pathological Laboratories and bio-medical waste.

PESPL-Operator informed that in estimates done in 2015, Average increase in red waste was taken at 12 %. However in view of sudden rise of 28 % during last year the capacity of Autoclaves will have to be increased which will require 2 more Autoclaves of 110 Kg/Hr. which would take care of red waste.

Professor (Dr.) Dod opined that the above requisite information should be included in the final EIA report.

Further Professor (Dr.) Dod said that it is observed that at present the fresh water requirement is less. It is mentioned in the Presentation that after expansion, the fresh water of 77.5 CMD will be required which will be made available by the Owner of the Facility i.e. Pune Municipal Corporation. Why the Facility Operator requires large increase in fresh water? He further objected that there will be increase in the domestic effluent by four times and whether it will be treated wholly? The discharge of effluent outside the project may turn the situation worst as the

Facility is near the Naidu hospital, Pune Railway Station and very thick residential, commercial area and educational institutions. He further objected that the domestic effluent is not proportionate to increase in fresh water for the Facility.

The Facility Operator informed that increase in requirement of fresh water is to maintain incineration temperature and the project will be Zero Liquid Discharge. Dr. Dod and the Public Hearing Committee directed to mention it in EIA report.

Professor (Dr.) Dod further remarked that it is observed from the analysis sheets that analysis results of the air pollutant Dioxin and Furon (C_4H_4O) are not enclosed. It seems that the Facility Operator has analysed the parameters Dioxin and Furon (C_4H_4O). The Facility Operator informed that there is no analysis facilities for above chemicals in the laboratories of the State. It is informed that the analysis facilities are available at Bangalore. After discussions, the Committee directed Facility Operator to analyses the air pollutants Dioxins and Furons (C_4H_4O) periodically from Bangalore laboratory.

Professor (Dr.) Dod further brought to the notice of the Public Hearing Committee that the Ambient Air Quality Results near the Facility site are alarming. The parameters PM 10; PM 2.5 and NO_x are not within the permissible limits. He informed that as per the recent publication, there are 20 'Most Air Polluting Cities' in the World, out of it, 14 are in India. Convener of the Public Hearing Committee informed that the Facility is in the crematorium site. Most of the people still do follow the ancient practice for the last rituals/death rituals i.e. burning of the body in open space on wood beds. Also the nearby area is most traffic congested area of the city. Member and Convener of the Public Hearing Committee directed Facility Operator to install, operate and maintain the air pollution control devices and monitoring should be carried periodically. The operator informed that the air pollution control devices are already in place and On Line Monitoring is done as per CPCB guidelines. The Public Hearing

Committee directed Facility Operator to implement Environment Management Plan wholeheartedly and not a drop of effluent should be discharged outside the Facility.

Dr. Gandhe, Member of the Public Hearing Committee asked Facility Operator to monitor the parameters Dioxin and Furon (C₄H₄O) periodically as per new BMWM rules 2016.

The Public Hearing Committee appealed public I to raise any objections or suggestions regarding pollution problems and environment management plan for the expansion of the Common Bio-Medical Waste Treatment Facility. As there were no further questions, Member of the Public Hearing Committee informed that as per the EIA Notification 14th September, 2006, prior public consultation is mandatory to certain projects while obtaining Environmental Clearance. The suggestions and objections raised during the meeting will be included in the minutes of the meeting alongwith final EIA report which will be submitted to the Expert Committee of MoEFCC, GoI, The Expert Committee will take further decision. He requested Chairman of the Public Hearing Committee to conclude the meeting.

Dr. Jayashree Katare, Chairman of the Public Hearing Committee informed that treatment and disposal of the bio-medical waste is very sensitive and serious issue. She said that the opinion she is giving not only just as Medical Practitioner, but it is our experience that society is suffering due to the new infectious diseases. The Competent Authorities are strictly following the guidelines. But that is not sufficient. The Rules and Guidelines should be followed efficiently. But public participation is always essential to succeed any programme. It should be adopted by the Owner of the Facility and also Operator of the Facility. Then only we will succeed.

Shri Nitin Shinde, Convener of the Public Hearing Committee remarked that Health Care Establishments (HCEs) and Hospitals do give training to their employees for handling of

bio-medical waste. He suggested that the Owner of the Facility i.e. the Local Body - Pune Municipal Corporation should take in hand the 'Jana Jagruti Parva Programme' to make aware the general public how the bio-medical waste is dangerous and infectious and how it is necessary to collect, store, treat and dispose it scientifically. Convener further suggested Facility Operator to keep strict vigil and should not discharge any drop of treated effluent outside the Facility, as Facility is near the bank of river.

Professor (Dr.) Dod, who was attending the meeting remarked that as per directives in Terms of Reference (ToR), a detailed study should be carried considering future growth in population and growth in hospitals, HCEs (Health Care Establishments), Dispensaries, Pathological laboratories, future increase in the quantum of bio-medical waste, then only capacity of Facility should be fixed. So that Facility Operator should not be compelled to expand the Bio-Medical Treatment Facility many times and the Bio-Medical Waste should not be thrown anywhere due to less capacity of the Facility.

Upon this convener Mr.Nitin Shinde suggested that the increase/growth in red waste from 9% to 28% during 2017-18 as well as the recent guidelines for management of sanitary waste (May 2018) should be taken into account. Further he suggested that considering the above the proponent should include requirement of additional equipments such as Autoclaves, Incinerators & incorporate the same in capacity expansion proposal .

Convener of the Public Hearing Committee suggested that with population growth, the ratio of increase in bed capacity should be calculated. Then only the viable figure in growth of bio medical waste can be calculated.

Convener of the Public Hearing Committee on behalf of
Chairman of the Public Hearing Committee declared that the
Public Hearing Meeting is concluded.

The meeting ended extending thanks to the Chair.



(Nitin Shinde)

Convener of the Public
Hearing Committee and
Sub Regional Officer, Pune- I,
MPCB, Pune



(Dr. H. D. Gandhe)

Member of the Public Hearing
Committee and
I/c, Regional Officer, MPCB,
Pune



(Dr. Jayashree Katare)

Chairman of the Public Hearing Committee
and
Additional District Magistrate, Pune, Dist-Pune