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Minutes of Public Hearing for proposed expansion of Common Bio-Medical Waste Management Facility by Kalyan Dombivali Municipal Corporation:

A Public Hearing was held on 3rd April 2017 at 12.30 pm at Acharya Atre Auditorium, Shankarrao Chowk, Kalyan (W) Dist. Thane in respect of proposed expansion of Bio-Medical Waste Management Facility of Kalyan Dombivali Municipal Corporation located at Survey No. 52/3 Adharwadi Jail Road, Kalyan.

Following Government officials were present for the Public Hearing.

1. Mr. Pravin Shinde
Representative of Collector
(Additional Collector & Additional District Magistrate) Chairman
2. Mr. Dhananjay Patil
(Regional Officer Kalyan MPCB) Representative of Member Secretary MPCB
3. Mr. Amar Durgule
(Sub Regional Officer Kalyan - I MPC Board) Member/Convener

At the outset, Mr. Amar Durgule, Convener, welcomed the chairman of Public Hearing Committee and members of Public. He began the proceedings after being granted permission by the chairman.

He explained provisions of the EIA Notification 2006 as amended in 2009 by the Ministry of Environment, Forests & Climate Change, Govt. of India under which the Public Hearing is held.

He informed that the project proponent had submitted application for conducting Public Hearing on 02.12.2016 to Maharashtra Pollution Control Board. Subsequently the Hon. District Collector & District Magistrate decided to hold the Public Hearing on Monday 3rd April 2017. Accordingly, a public notice of Public Hearing was advertised in "Navashakti" vernacular daily and "The Free Press Journal" in English on 1st March 2017.

The EIA and Executive Summary copies were kept at following places:

1. Office of the District Collector - Thane
2. Office of the Principal Secretary, Environment Department, Govt of Maharashtra, Mumbai
3. Additional Director (WP) Head Office, MPCB, Mumbai
4. Kalyan Dombivali Municipal Corporation, Kalyan
5. Regional Officer, MPCB and Sub-Regional officer, Kalyan I MPCB, Siddhivinayak Sankul, 3rd Floor, Near Oak Baugh, Station Road, Kalyan (W) Dist. Thane.

He further stated that the purpose of this Public Hearing is to give information about the proposed project, its impact on environment and planned mitigation measures to members of Public.

Shri Amar Durgale, Convener, further stated that the environmental consultant of the proponent will make detailed presentation about the proposed project and afterward the present may ask for further information, make suggestions or state their objections about the project and these will be recorded and communicated to the Environment Department, Govt. of Maharashtra, Mantralaya, Mumbai. He said that the purpose of the committee is to conduct the Public Hearing and take a note of observations made by members of public. He then asked the project proponents to make a presentation on the proposed project.

Shri Ulhas Joglekar, representative of the environmental consultant made a detailed presentation about proposed project. In the presentation he gave information about the proposed project, its location, area available, layout of facility, environmental baseline data on various sectors of environment viz. Air, Water, land, Social environment etc.

He informed that the facility will be used for management of Biomedical waste generated in Kalyan as also from nearby areas of Dombivli, Bhivandi, Ulhasnagar Municipal Corporation, Badlapur, Ambarnath and Shahapur. The project is located in Umbarde village at a distance of 4 km from Kalyan. The project is in operation since 2003 and the present proposal is for increase in capacity. The facility will be capable of managing 4000 kgs of Bio-Medical waste per day.

Out of the total land area of 4200 sq. mt, only 225 sq.mt land will be utilized for the project. An area of 1600 sq. mtrs. is reserved for green belt.

The present water requirement is 10 cmd which will increase to 20 cmd after expansion. The present diesel consumption is 16 liters/hr after the expansion, additional 16 ltr/hr. diesel will be required.

The existing project has a DG of 100 KVA. An additional DG of 62 KVA will be provided.

The bio-medical waste received is segregated into incinerable and autoclavable parts. Incinerable waste is put in yellow bags and autoclavable waste is put in red bags and stored separately.

An Effluent Treatment Plant is provided to treat 13.2 CMD wastewater. The treated wastewater is completely used within plant and for gardening. Rainwater harvesting is also carried out to augment groundwater.

The hazardous waste generated comprises of waste oil 200 liters/year, ash 100kg/day and solid waste/sludge of 100 kgs which is disposed off to CHWTSDF in Taloja.

During the EIA Studies, monitoring of various environmental parameters was carried out. Also, biological environmental status was studied.

The project will generate further employment for local people. Workers are given training. Health checkups are carried out periodically. Since the biomedical waste is managed scientifically, health & life of local population is protected. At last he said that due to increases in direct & indirect earnings, the living standard will improve.

After the presentation, the chairman invited members of public to put forth their suggestions and objections if any, about the project and said that the project proponents should address these. He further informed that a note of such questions/suggestions/objections will be taken and the same will be forwarded to Environment Department, Govt of Maharashtra in Mantralaya.

Question 1: What will be the daily collection of waste?

Answer by Dr. Nihar, Project Proponent

Approximately 3000 kgs/day of Biomedical Waste is expected to be collected.

Question 2: by The Addl Collector & D.M - What is the present capacity facility and what will be the capacity after expansion?

Answer by Dr. Nihar, Project Proponent

The existing capacity is 100 kgs/hr which will be increased to 200 kg/hr. The total capacity will be 4000 kg/day and we expect to process about 3000 kgs/day.

Question 3: Amar Dhurgule - What is the pollution control system provided?

Answer by Dr. Nihar, Project Proponent

To control air pollution, water scrubber along with chimney of required height is provided. Also to treat waste water, ETP has been provided.

Question 4: Addl. Collector & D. M. - Tree plantation should be carried out to maximum possible.

Also, analysis results of water/air samples should be displayed as a board at gate.

Is necessary financial provision made for operating the facility?

Answer by Dr. Nihar, Project Proponent

We have already planted trees in our premises. We propose to plant additional trees within our premises during this rainy season. We have large green area.

We will display analysis results of air/water samples on board and will update the same regularly.

The project is based on self-financing model and will be financially viable and financially completely self-sufficient.

Question 5: Dhananjay Patil RO MPCB and representative Member Secretary MPCB - Does the incineration facility have two chambers and is temperature recording carried?

Answer by Dr. Nihar, Project Proponent

We have two chamber incineration facility. The first chamber maintains temp of 700 - 750° C and whereas in the second chamber temperature is maintained at 1000 to 1050° C. The temperature is continuously logged in a computer and available for inspection at any time.

Question 6: Mr Amar Durgule, convener - How many vehicles are available for collection of Bio-Medical waste? Is any training given to workers, also is Personnel Protection Equipment provided to workers?

Answer by Dr. Nihar, Project Proponent

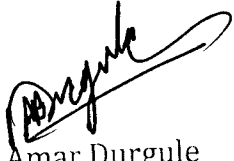
Presently, four vehicles are available and used for collection of Bio-Medical Waste. More vehicles will be procured after increase in number of members. Training is given to all workers before commencing work. Also, necessary Personal Protective Equipment (such as Masks/Gloves etc.) are given to workers.

Question 7: Addl Collector & D. M- What are the measures taken for protection of workers and nearby residents?


Answer by Dr. Nihar, Project Proponent

Workers are trained to handle emergency situations. Fire Fighting Equipment is provided in our facility. We will continue providing required training as also will install alarm.

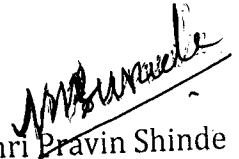
In the end, the chairman stated that all observations/questions raised by the present have been noted and proceedings of today's Public Hearing along with CD will be sent to Environment Department, Govt. of Maharashtra. Afterward, the chairman thanked all present and declared that the Public Hearing has been concluded.



Shri Amar Durgule
Sub Regional Officer
MPCB Kalyan
Convener / Member
Public Hearing Committee



Shri. D.B.Patil
Regional Officer
MPCB Kalyan



Shri Pravin Shinde
Additional Collector &
Additional District Magistrate
Thane and Chairman
for Public Hearing Committee