

**DRAFT**

**MINUTES OF THE ONLINE ENVIRONMENT PUBLIC HEARING FOR THE DEVELOPMENT OF 600 TPD WASTE TO ENERGY PROJECT TO GENERATE ABOUT 4.0 MW OF POWER AT EXISTING DEONAR DUMPING GROUND, DEONAR, MUMBAI PROPOSED BY PROJECT PROPONENT M/S BRIHANMUMBAI MAHANAGARPALIKA, MUMBAI.**

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The Online Environment Public Hearing for the development of 600 TPD Waste to Energy Project to generate about 4.0 MW of Power at existing Deonar Dumping Ground, Deonar, Mumbai proposed by Project Proponent M/s Brihanmumbai Mahanagarpalika, Mumbai was held on 27-04-2021 at 12.00 noon.

At the beginning of the meeting, Dr. Vikas Naik, Additional District Magistrate, Mumbai Suburb, Mumbai and Chairman, Environment Public Hearing Committee welcomed all Online participants and informed that Project Proponent M/s Brihanmumbai Mahanagarpalika, Mumbai planned to Develop 600 TPD Waste to Energy Project to generate about 4.0 MW of Power at existing Deonar Dumping Ground, Deonar, Mumbai. In the background of Covid-19 pandemic & lockdown declared by the government, as directed, the meeting is arranged Online, so that many people can participate and share their views.

While explaining the procedure of the public consultation, Chairman of the Environment Public Hearing Committee informed that the Sub Regional Officer, Maharashtra Pollution Control Board (i.e. MPCB), Mumbai and Convener of the Environment Public Hearing Committee will first inform the details of public hearing procedure and details of proposed project. Afterwards Environment & Technical Consultant of the Project will give the Presentation of the Environmental Impact Assessment(EIA) and Environment Management Plan (EMP). Thereafter, the participants will be allowed to raise their suggestions, objections in respect of the proposed EIA/EMP. The answers will be given by Project Officials or Environmental or Technical Consultant of the Project and the email IDs of concerned authorities will be shared at the end of presentation so that the written objections can be send on it. The Chairman directed Shri Promod Mane, Sub Regional Officer, Mumbai-3, MPCB and Convener of the Environment Public Hearing Committee to start the further proceedings.

Shri Pramod Mane, SRO, Mumbai-3, MPCB, Mumbai and Convener of the Environment Public Hearing Committee welcomed Dr. Vikas Naik, Additional District Magistrate, Mumbai Suburban and Chairman of the Environment Public Hearing Committee, Dr. Anant Harshavardhan, Regional Officer, MPCB, Mumbai and Members of the Environment Public Hearing Committee, Online Participants, Representatives of the Project Proponent, Journalists, Environmentalists, Non-Government Organisations. With the permission of the Chairman of the Environment Public Hearing Committee, SRO Mumbai-3, MPCB informed the details of Environment Public Hearing.

He informed that the Project Proponent M/s Brihanmumbai Mahanagarपालिका proposes development of 600 TPD Waste to Energy Project to generate about 4.0 MW of Power at existing Deonar Dumping Ground, Deonar, Mumbai. We have gathered Online for this Environment Public Hearing Meeting. He also informed that as per the Notification dated 14-09-2006 issued by Ministry of Environment, Forest & Climate Change, Govt. of India, (MoEFCC, Gol), New Delhi and subsequent amendment on 01-12-2019, and as per Item No.8V ( d ) ( c ) 4 Coastal Regulation Zone (CRZ) Notification amended on 6<sup>th</sup> January, 2011, Member Secretary, Maharashtra Pollution Control Board, Mumbai has constituted Public Hearing Panel vide Office Order No. E-34 of 2021 issued under letter no.BO/JD (WPC)/PH/B210409FTS009, Dated 09.04.2021 as below :-

- 1) District Magistrate, Mumbai Suburb - **Chairman**  
or his representative not below the rank of an Additional District Magistrate
- 2) Regional Officer, MPCB, Mumbai - **Member**  
(Representative of Maharashtra Pollution Control Board)
- 3) Sub Regional Officer (SRO), Mumbai-3 - **Convener**  
Maharashtra Pollution Control Board,  
Mumbai

Shri Pramod Mane, Convener of the Environment Public Hearing informed that due to present Covid-19 pandemic situation & lockdown in Mumbai, so as per directives of Environment, Forest & Climate Change Ministry, Govt. of India, New Delhi vide Office Memorandum dated 14-

09-2020, Environment & Climate Change Department, Maharashtra State, Mantralaya, Mumbai dated 03-12-2019 and Maharashtra Pollution Control Board vide office order Dated 17-09-2020, this Public Hearing Meeting is arranged.

But as per Disaster Management Act, Govt. of Maharashtra has declared prohibition of crowds/public meetings for Break the Chain of Covid pandemic, hence District Collector, Mumbai Suburb and Chairman, Environment Public Hearing Committee directed to conduct this Public Hearing totally Online at fixed date and made link available to local peoples, so that most of the people will be able to give their suggestions, objections fearlessly and conveniently.

Also, the as per the Public Hearing Committee and Notification of Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi, dated 14<sup>th</sup> September, 2006, amended on 1<sup>st</sup> December, 2009, it is mandatory to certain projects to obtain prior Environment Clearance (EC) before commencement of the project work. It is mandatory to arrange Public Consultation prior to obtaining Environmental Clearance. So MPC Board is in receipt of the application from the Project Proponent M/s Brihanmumbai Mahanagarpalika for conducting the public hearing for their proposed project of Development of 600.0 TPD Waste to Energy Project to generate about 4.0 MW of Power at existing Deonar Dumping Ground, Deonar, Mumbai as per the TOR given.

Also Convener of the meeting further informed that the aim of conducting public consultation is to make aware, local people who can be participant in the process and they should know the developmental activities and environment management plan of the unit. The project proponent had submitted prescribed application along with pre-feasibility report to the State Environment Appraisal Committee (SEAC), Environment & Climate Change Department, Govt. of Maharashtra, Mumbai and SEAC approved the Terms of Reference (ToR) on 26-06-2020.

District Collector-Mumbai Suburb has approved the Public Hearing on 27-04-2021. As per EIA Notification, 30 days' advance public notice was published in the local newspaper in Daily Navshakti, Mumbai for Marathi and in national newspaper in Free Press Journal, Mumbai in English on 24-03-2021. The people were appealed to send their views, suggestions or objections for the proposed project. Also a copy of EIA report and executive summery were made available at notified offices of government i.e. Ministry of Environment, Forest & Climate Change, Western Zone Office, Nagpur; District Magistrate Office, Mumbai Suburb, Administrative Building, 10<sup>th</sup> Floor, Government Colony, Bandra (East), Mumbai; Additional District Magistrate, Suburb;

Administrative Building, 10<sup>th</sup> Floor, Government Colony, Bandra (East), Mumbai; Environment & Climate Change Department, Govt. of Maharashtra, 15<sup>th</sup> Floor, New Administrative Building, Mantralaya, Mumbai; Joint Director (WPC), MPCB, Sion, Mumbai; Regional Officer, MPCB, Mumbai; Sub Regional Officer, Mumbai-3, MPCB, Kalpataru Point, 1<sup>st</sup> Floor, Sion-Matunga Scheme Road No.8, Near Sion Circle, Sion (E), Mumbai – 400 022; Assistant Commissioner, M/E Ward, Brihanmumbai Mahanagarpalika, Office Building, Late Madhukar Tukaram Kadam Marg, Periferi Road Junction, Deonar Municipal Colony, Govandi ( E ), Mumbai – 400 043. The public were appealed to send their objection / suggestion regarding the above project.

Due to Covid-19 Pandemic situation as per the direction of Additional District Magistrate, Mumbai Suburban and Chairman of the Environment Public Hearing Committee Corrigendum Public Notice was also published in local newspaper Dainik Navshakti, Mumbai in Marathi and in national newspaper Free Press Journal in English on 20-04-2021 and newspaper Dainik Navshakti, Mumbai in Marathi on 21.04.2021 with details of link for the meeting.

Convener informed that MPCB is in receipt of suggestions, objections by email as well as through written letters. He appealed participants to raise their views, suggestions, objections after the Presentation and requested Project Proponent to start the Presentation.

With the permission of the Chairman of the Environment Public Hearing Committee, on the behalf of MCGM their Environment Consultant has given Online Presentation regarding the project, Environmental Impact Assessment (EIA) and Environment Management Plan (EMP).

He informed that Deonar Dumping is used for the disposal of municipal waste since 1927. The proposed project will be located in the existing Dumping Ground which is in possession of the Brihanmumbai Mahanagarpalika. At present, nearly 6,100 to 6,300 TPD waste is generated in Brihanmumbai Mahanagarpalika region, out of which about 600-800 Ton Waste is dumped on Deonar Dumping Ground.

Environment Consultant informed that the Brihanmumbai Mahanagarpalika has proposed Waste to Energy Plant (WTE) i.e. Development of 600 TPD Waste to Energy Project to generate about 4.0 MW of Power at existing Deonar Dumping Ground, Deonar, Mumbai. The capacity of this project is to process 600 TPD waste. This project will comply all the directives of Solid Waste Management Rules, 2016

While informing objectives of the project he informed that the land conservation and environmental compliance will be given top priority for the sustainable eco-friendly development, minimizing load of waste on the site, processing on the all total waste i.e. dry and wet waste and its scientific disposal from Open Dumping and strengthen the clean environment in the dumping area.

There will be many social benefits due to this project such as, the air quality in the surrounding area will be improved, due to which residents in the vicinity around dumping ground and indirectly the citizens of Mumbai will be able to get good health returns.

Due to this project, there are good chances of direct job opportunities in the project, increase in indirect job and local business opportunities. Due to implementation of this project, there will be prevention of handling in hazardous recycling activities. The 33% green belt will be developed as per the norms, which will be benefitted to this area & around.

After the Presentation, Dr. Anant Harshawardhan, Member, Environment Public Hearing Committee introduced himself and appealed all Online participants to raise their views, suggestions or objections on which MCGM concern authority will reply the same. While raising it, full name and name of the residential area be informed, so that it can be noted in the minutes of the meeting. He requested that suggestion or objection be raised neatly and there should not be repetition of the question.

**Following Online Participants have raised suggestions, objections and answers given by Project Proponent / Project Environment Consultant / Environment Public Hearing Committee as under :-**

Sr.No.	Views /Comments/ Suggestions/queries	Reply
<b>1) Mr. Meraj Ansari – Baiganwadi, Shivaji Nagar, Govandi</b>		
1.	Public hearing which is taken via video conferencing instead of physical public hearing is inconvenience to us, as the most of the population living nearby area are uneducated.	The Public Hearing is carried out as per the guidelines of Ministry of Environment, Forests and Climate Change. Government of India. In view of the Pandemic situation, as per instructions, the public hearing was conducted via Video Conferencing.
2.	What is a safety of this project as we had a bad experience of bio-medical facility nearby, which has polluted our environment?	This is not a Bio Medical Waste project whereas this is an Environmentally Friendly and Mitigation project to treat the municipal solid waste converting into energy.
3.	In our area there is no green zone.	This project has 3.19 Ha of area covering 33% of green area as per the guidelines

4.	Meeting should be conducted after pandemic and serious discussion should be held.	This is carried out as per the guidelines of Ministry of Environment, Forests and Climate Change. Government of India, during the Pandemic situation.
<b>2) Mr. Ainul Habeeb Syed – Malad</b>		
1.	How much ash will be generated from the proposed Waste to Energy plant ?	While giving answer to Shri Ainul Habib, Project Officer informed that the ash which will be produced during the process will be analyzed scientifically and then it will be made available for brick manufacturing. Inerts will be scientifically land filled in a sanitary landfill. The percentage of produced ash will be about 8% to 10% i.e. 60 Ton. The preference will be given for ash to brick manufacturing. Minimum use of landfill will be done.
2.	How this ash will be processed and disposed.?	
3.	What will be the alternative for the disposal of this ash.	
<b>3) Ms. Advocate Isha Bafna, Kandivali</b>		
1.	What will be the feed stock for this Waste to Energy Project, whether it will be fresh waste or legacy waste present at Deonar Dump site.?	Feed stock for this Waste to Energy Project will be fresh mixed municipal solid waste.
<b>4) Mr. Navile, Andheri</b>		
2.	What type of composting process is proposed for this project?	Aerobic composting is proposed for biodegradable waste. Anaerobic digestion is also a permissible process and will be examined during the detailed engineering phase.
<b>5) Meet Chavda, Chembur, Mumbai</b>		
1.	May I know what are the different processing units that are proposed on the project site and its capacity?	Proposed plant capacity is 600 TPD. Presorting, Composting/ anaerobic digestion, RDF based Water to Energy (Power Generation) and Secured Landfill (Inert Waste) and leachate treatment are components of the project.
<b>6) Nikunj Pawar – Shell Colony, Chembur</b>		
1.	For this proposed Waste to Energy Project, when was Terms of Reference generated/issued/ circulated?	Terms of Reference obtained from SEAC – I vide SIA/MH/MIS/47692/2019 dated 26.06.2020.
2.	Whether that document will be available to the people?	Yes. The Documents were placed with regulatory depts. for reference .
<b>7) Shweta Bhat – Borivali</b>		
1.	What are the impact of air pollution raising from the plant and what the	Regarding air pollution, we have proposed many air pollution control devices

	measures you have in place to control that?	<p>particularly flue gas cleaning system, which is going to cost more than 25-30 Crores.</p> <p>All the gaseous emissions will be treated and will be in compliance of the limit set out by Pollution Control Board (PCB).</p> <p>Similar projects are already working in Delhi, Hyderabad &amp; similar process are in existence and other SPCBs (i.e. State Pollution Control Boards) are monitoring the same.</p>
2.	What are the measures you are going to take to restore the land? Because historically this land was having mangroves and mudflacks. So what are the plans for restoration of that?	<p>The land under reference is subjected to MSW dumping since 1927 and there were no mangroves at all on the site since then. Neither there were any mudflats being recorded then on the site.</p>
	<b>8) Sushant Bali – Kandivali</b>	
1.	SWM Rules 2016 basically talks about source segregation and managing the waste and processing the waste at the location. Why are we not focusing more on source segregation and decentralizing way of processing the waste.?	<p>Project Officer said that Shri Sushant Bali is very right SWM Rule,2016 focuses on at source segregation. MCGM (Municipal Corporation of Greater Mumbai) has also taken various IEC activities to achieve 100% source segregation of waste. We are providing separate transport vehicle facilities for segregated waste, we have set up 46 segregation centers all around Mumbai and it is expected that figures will also increase. We are also encouraging the decentralizing processing as per the SWM Rules also. We have identified more than 3,000 bulk waste generators, to whom it has been made compulsory for in-situ processing of waste. Cases have been filed against non responsive bulk waste generators. We are encouraging people to segregate the waste at source as well as decentralize processing activities by giving incentive.</p> <p>This project will be a major leap to achieve 100% scientific processing of waste as per SWM Rules 2016. Major garbage i.e. 80-85% is taken to Kanjur Processing Plant. Remaining will be treated here at Deonar.</p> <p>In this project, the incoming waste will be sorted into combustible and bio-degradable fractions. The bio-degradable fraction will be processed by composting technology and combustible fraction will be processed by</p>

		thermal technology producing electricity. The residuals from these technologies will be disposed off in Sanitary Landfill. Hence, all the technologies those will be used in this project adhere to SWM Rules, 2016.
<b>9) Pramod Nair</b>		
1.	Is there any design details of Sanitary Landfill, which you can produce ?	Yes. It is available in the EIA report.
<b>10) Mrs. Vanisha Syed, Santacruz</b>		
1.	What is the treatment for the intake water, as it is sewage treatment plant water.?	The intake water is treated sewage at Ghatkopar sewage treatment plant. The treatment of sedimentation followed by filtration; all those treatment schemes will be given. The R.O. (Reverse Osmosis) system will also be provided to it. Complete comprehensive treatment process will be used to make the water suitable for the plant.
<b>11) Pradip Manjrekar, PL Lokhane Road, Govandi</b>		
1.	Project seems to be environmentally perfect. But what is commercial viability & technical of the project.	Project Technical Consultant said that Basically we appreciate the words of appreciation for this project. This project is Environmentally Viable Project. From pollution to non-pollution, we are converting. So whatever way we are utilising the 600 TPD municipal waste is benefit for our project. The financial, commercial analysis is carried very deeply by the financial group. So, 100%, it will be viable project.
<b>12) Mr. Bilal Khan,</b>		
1.	Project is to be implemented in M/East Ward. There is population of around 9 Lakhs in M/East ward, however only about 100 people have participated in the hearing.	Member, Environment Public Hearing Committee informed that after approval of the Public Hearing date by District Collector, Mumbai Suburb, as per MoEF & CC Notification, 2006, 30 days advance public notice was published in local newspaper Navshakti in local language Marathi, as Marathi is declared as local official language of Maharashtra and one national newspaper Free Press in English. The Executive Summary of the EIA report in Marathi and English were made available on MPCB website. Also, Executive Summary in Marathi and English were also made available at the notified government offices i.e. District



		<p>Collector Office-Mumbai Suburb; Environment &amp; Climate Change Department, Govt. of Maharashtra, New Administrative Building, Mantralaya, Mumbai; Joint Director (WPC), Maharashtra Pollution Control Board-Head Office, Mumbai; Sub Regional Office, Mumbai-3, Maharashtra Pollution Control Board, Mumbai; Regional Office, Maharashtra Pollution Control Board, Mumbai; Asstt. Commissioner, M/E Ward, Bruhan Mumbai Mahanagar Palika, Office Building, Late Madhukar Tukaram Kadam Marg, Periferi Road Junction, Deonar Municipal Colony, Govandi (East), Mumbai-400 043 were made available for the public. Due to Covid-19 pandemic and lock down, people should not suffer and they can be participant in this meeting, hence it is permitted that Online Public Hearing should be conducted. Hence, public notice was published on 21-4-2021 for Online Public Hearing with giving link.</p> <p>As participants raised the objection for public notice, Member, Environment Public Hearing Committee explained that as per MoEF &amp; CC Notification as issued by Environment, Forest &amp; Climate Change, Govt of India, New Delhi, it is mandatory to publish public notice in one local newspaper for local language Marathi and one in national newspaper for English 30 days before the date of public hearing. This is carried out as per the guidelines of Ministry of Environment, Forests and Climate Change. Government of India, during the Pandemic situation. Proper information through the newspaper advertisement has been published for the public.</p>
2.	It is informed that this public hearing is conducted as per the guidelines of Central Government. Please share copy of those guidelines.	Office memorandum issued by MoEF&CC vide number F. NO. 22-25/2020.IA.III dtd. 14.09.2020 available in public domain.
3.	It is not good to share the project information with individuals. It should be shared through website. Draft EIA should be shared with public and	EIA report was made available as per the procedure of MoEF&CC guidelines.

	after that public consultation should be held.	
	<b>13) Mr. Mohan Kadam, Malad</b>	
1.	I am working since last 27 years in Solid Waste Management field. It is my experience that Mumbai Municipal Corporation is lagging behind in the field of Environment Work. But now it is taking initiative. We should support it.	Noted
	<b>14) Mr. Anand Pedharkar,</b>	
1.	In process of public consultation, notice should be published in multiple newspapers like Times of India, Maharashtra Times, Loksatta, Mumbai Sanachar, Gujrati, Urdu Times.	As per the MoEF&CC procedure, the advertisements were published in 2 local newspapers including one vernacular language which is Marathi in this case.
2.	Many WTE plant across Europe, China are being closed. This is an outdated technology. Why are we spending so much money?	Project Officer answered that State Environment Appraisal Committee (SEAC), Department of Environment & Climate Change, Govt. of Maharashtra has given permission for carrying ToR. The emission norms as specified by the Govt. of India will be followed while operating the project.
3.	Whether such industrial units are allowed in City ? Parle factory is being shifted outside Mumbai.	At this moment, Member, Environment Public Hearing Committee informed all that discussions should be relevant to the subject of the public hearing only.
4.	Emphasis should be on waste reduction.	Noted. But as already answered to one of the earlier questions, MCGM has already taken & is going to take various initiatives for waste reductions & source segregation.
	<b>15) Mr. Prayag Desai, Chembur</b>	
1.	I am news reporter with Hindustan Times. As per the rules of EIA Notification 2006, EIA should be made public and given to the public for their objections.	This is carried out as per the guidelines of Ministry of Environment, Forests and Climate Change. Government of India, during the Pandemic situation.  Proper information through the newspaper advertisement has been published for the public. As already answered to one of the earlier questions, EIA report was also made available for public at notified offices.

2.	What is the status of the site with regard to ESZ notification ? Does it fall within the Eco Sensitive Zone of Thane Creek Flamingo Sanctuary ? What is the distance ?	Proposed project does not fall in the Eco Sensitive Zone of Thane Creek Flamingo Sanctuary.
3.	What are the various species protected under IUCN regulation and Wild life protection act.?	The various species protected under IUCN regulation and Wild life protection act will not be affected by this project as mentioned in the EIA report.
4.	What is Disaster Management Plan ?	DMP is already part of the EIA report. Risk assessment & Disaster management studied were carried out for WtE project covering, --Hazard identification, -- Visualisation of chemical/Fuel release with Fire Explosion & Toxicity Index, -- Maximum Credible Accident scenarios for Fuel leak, Tank fire, Pool fire & Dyke fire, -- Heat radiation & Thermal Damage criteria, -- ALOHA software for Threat damage distances, --Disaster Management & Emergency preparedness plans,  The details of quantified results were addressed in Chapter 7 of Draft EIA report.
5.	Are there any lessons learnt from other Waste to Energy projects in the country.?	While preparing tender document, the experiences of various Waste to Energy Projects were studied and cognizance has been taken.
6.	Whether project requires Central clearance or from only State ?	EC will be obtained from SEAC – I and SEIAA, which is state govt. authority. However, since there is pipeline involved, the CRZ clearance for the pipeline will be obtained from MoEF&CC, New Delhi after state govt. authority i.e. MCZMA recommendations, which are recently obtained.
7.	Whether draft EIA report will be made available to public?	It is already informed by the Regional Officer, MPCB, Mumbai that Draft EIA report was already made available at the relevant places.
<b>16) Mr. Rajkumar Sharma, Chembur</b>		
1.	How much bottom ash will be generated ?	As already answered to one of the earlier questions, about 8 to 10% ash will be generated from the project.
2.	What is Financial Viability of the project as asked by Mr. Manjrekar ?	As already answered to one of the earlier questions, the financial & commercial

		analysis is carried very deeply by the financial group. So, 100%, it will be viable project.
3.	Kanjurmarg project has the capacity for waste to energy up to 7000 Tons and Bombay city as of today 6300 to 6500 Tons. So the whole waste of Bombay can go there and we don't need a plant here.	The maximum capacity of Kanjurmarg project is 7500 TPD, which will be reached after 23 years from inception of the project. Presently it can handle 5500 TPD maximum. Therefore, proposed WTE project is must.
4.	From the 600 Tons, how much is the waste that is going to be used to generate the electricity? He further asked that if about 40% of the waste will be biodegradable, then how you will get 600 TPD for waste energy?	The combustible dry waste after segregation will be input for the WTE project along with rejects from compost having calorific value. As per the detailed assessment carried out, the design for thermal processing is for about 400 TPD.
<b>17) Mr. Mandar Kulkarni, Andheri</b>		
1.	Project seems to be technical feasible.	Noted
2.	Also, instead of taking only objections, people should be aware to handle the waste properly.	Noted
<b>18) Ms. Priya Trivedi, BARC, Mankhurd (East)</b>		
3.	People have asked questions in chat box. Can you answer those questions?	Right now we have to answer the online questions in the meeting.
4.	What would be the quantity of leachate that will be generated in proposed sanitary landfill in proposed treatment?	About 60 KLD of Leachate generated from the MSW process & will be treated in MEE under thermal process.
<b>19) Mr. Anil Hebbar, Mulund</b>		
1.	I was staying adjacent to Devnar Dumping Ground for last 20 years. Now I am staying adjacent to Mulund Dumping Ground since last ten years. My first question is why all waste of Whole Mumbai City is thrown in one constituency. On this point, I have fought Loksabha Election also.	The site is notified in the Development Plan.
2.	What will be the raw material, whether it will be fresh waste or legacy waste on dumpsite? If fresh waste will be processed, I know, you will forget about legacy waste.	The feed for the project to generate electricity will be fresh MSW of 600 tpd. Legacy waste at Deonar Dumping ground will be also treated in phase wise manner, as we have already started the biomining of legacy waste at Mulund Dumping Ground.
<b>20) Mr. Venkatesh, Govandi (East)</b>		
1.	What kind of measures are you planning for the waste water	The Project Officer informed that this is Zero Waste Project. SEAC also advised us for Zero

	generated from this proposed project?	Waste. The water generated will be treated and will be recycled and reused in the process for green belt development which will be 33%.
<b>21) Mr. Pavitra Shrivastava, New Mhada Colony, Gautam Nagar, Chembur</b>		
1.	If we are talking about SWM Rules, why are we not talking about reduction of waste, source segregation?	Project Officer informed that MCGM has already taken various initiatives for segregation of waste at source, which will result in reduction of waste. This is already explained in detailed reply to one of the questions.
2.	Please upload the EIA report on website.	Chairman of Public Hearing Committee has stated that EIA report will be uploaded on MCGM website for queries/suggestions, if any. Queries shall be sent on email addresses as mentioned below :- <a href="mailto:che.swmproject@mcbgm.gov.in">che.swmproject@mcbgm.gov.in</a> <a href="mailto:sromumbai3@mpcb.gov.in">sromumbai3@mpcb.gov.in</a> <a href="mailto:romumbai@mpcb.gov.in">romumbai@mpcb.gov.in</a>
3.	Whether local residents have been consulted about the project? Whether they have been taken into confidence about the project?	This is carried out as per the guidelines of Ministry of Environment, Forests and Climate Change. Government of India, during the Pandemic situation.  Proper information through the newspaper advertisement has been published for the public.
4.	Windrows composting cycle cannot be completed in 28 days.	The question of preparation of composting is well established. In all over MSW facilities, this is established. For compost, there three important parameters PKN parameters, Carbon to Nitrogen Generation, Temperature and Inoculums. The optimization of particularly these three, it may not be 60 days. But particularly oxygen saturation levels, CN ratio and temperature maintenance. Aerobic composting is proposed as it's more advantageous than anaerobic composting because of <ul style="list-style-type: none"> <li>• Rapid decomposition, normally completed within 6 to 8 weeks resulting in reduction of area required.</li> </ul>

		<ul style="list-style-type: none"> <li>• Process is exothermic and the heat generated helps in destruction of harmful pathogens, eggs of disease carrying vectors and nullification of weed seeds</li> <li>• Production of foul smelling gases like methane, hydrogen sulphide is minimized.</li> <li>• Nutrients are fairly preserved</li> </ul>
<b>22) Mr. Shrotriya, President WTER Council, Thane</b>		
1.	It is proposed that 50 M height of stack monitoring? Whether Airport Authority is obtained? If it is not obtained, please obtain that first?	AAI permission is already obtained and the stack height of proposed WTE project is upto 50 M.
2.	Whatever quantity is composted & RDF, I think it is better to re-check the mass balance and then go for the system.	Noted and it will be Examined.
3.	I am recommending one Independent Engineer for the Project so that he will take care right from construction and all the compliances.	Yes
<b>23) Ms. Radhika Jhaveri, Vashi</b>		
1.	From the way you are handling this process seems that you have already made your decision and not taken into account anybody is saying here. This is very drop down approach. I mean with due respect to MCGM, this is really not inspiring any confidence.	The PH procedure is followed as per the MoEF&CC guidelines with proper information to the public with sufficient time period. Also during PH, all replies were given to the public who raised the comments. Project Officer requested to ask specific question. He informed that the questions raised specifically on environment and technical aspects are answered.
2.	If you see waste management in Mumbai, Navi Mumbai, Thane, Panvel is grossly lacking. I think for waste management of city like Mumbai, Public consultation should be at a high level. It looks like you have made your mind and no matter what anybody says here you are going to do what you want to do.	All due process and procedure has been carried out for this PH .

<b>24) Ms. Rohit Joshi, Thane</b>		
1.	Project viability is not reflected in any slide. It was stated that employment for about 400 people will be created through this project. However, from one of reports by an expert, 50% project in India are defunt because they were not technically & financially viable projects. So, where can I get the technical & financial feasibility report for this project?	As already answered to one of the earlier questions, the financial, commercial analysis is carried very deeply by the financial group. So, 100%, it will be viable project. Other requested details are already available in the EIA report.
2.	Can I get 105 questions received from one trust.	It will be part of MoM of PH.
3.	During this pandemic situation, this hearing should be postponed till the pandemic is over and people come to know about the projects & its impacts.	This is carried out as per the guidelines of Ministry of Environment, Forests and Climate Change. Government of India, during the Pandemic situation. Proper information through the newspaper advertisement has been published for the public.

While concluding the meeting, Chairman of the Environment Public Hearing said that all the suggestions, objections have been noted. As informed in the meeting as per the procedure that MPC Board already displayed the Executive summery of EIA on MPCB web site , but as per the demand of most of the participant EIA report will be uploaded on MCGM website and participant should submit written suggestions, objections on E mail ids of MCGM and MPCB within Four days' time period. Also as per the directions of Additional District Magistrate, Mumbai Suburban and Chairman of the Environment Public Hearing Committee the time period of displaying EIA and submission of suggestion, objections were extended for 10 days. The suggestions, objections raised during the meeting and received in writing will be submitted along with minutes of meeting & Final EIA report to "Department of Environment & Climate Change", Govt. of Maharashtra, Mantralaya, Mumbai.

He thanked Project officials, government officials and all Online participants and declared that Public Hearing Meeting is completed.

The meeting was ended by extending thanks to the Chair.

As per the decision and directions of Additional District Magistrate, Mumbai Suburban and Chairman of the Environment Public Hearing Committee MCGM uploaded the soft copy of EIA on web site and compiled the suggestions, objections received with their reply to the same is attached as an Annexure with this minutes.



**(Pramod Mane)**  
Convener,  
Environment Public Hearing Committee  
And  
Sub Regional Officer,  
Mumbai -3,  
M.P.C. Board,  
Mumbai



**(Dr. Anant Harshawardhan)**  
Member,  
Environment Public Hearing Committee  
And  
Regional Officer,  
M.P.C. Board,  
Mumbai

**(Dr. Vikas Naik)**  
Chairman  
Environment Public Hearing Committee  
And  
Additional District Magistrate, Mumbai Suburb,  
Mumbai