

**Minutes of the Environmental Public Hearing for proposed project of M/s. Aarav Fragrances & Flavors Pvt. Ltd. Vill. Jamghar-Lakhmapur, Tal. Wada, Dist. Palghar.**

This office has received proposal to conduct public hearing for M/s. Aarav Fragrances & Flavors Pvt. Ltd., Vill. Jamghar-Lakhmapur, Tal.-Wada, Dist.-Palghar. for their proposed expansion project. In this regard Maharashtra Pollution Control Board (M.P.C.B.) has conducted the environmental public hearing on 26.07.2017 at 11.30 a.m. at M/s. Aarav Fragrances & Flavors Pvt. Ltd., Vill. Jamghar-Lakhmapur, Tal.-Wada, Dist.-Palghar. During the public hearing, the following public hearing panel members were present.

Dr. Prashant Narnaware, District Magistrate, Palghar	Chairman of the Committee
Shri. Dhananjay Patil Regional Officer, MPC. Board, Kalyan	Member of the Committee
Shri. Sujit Dholam, Sub Regional Officer, M.P.C. Board, Kalyan 3	Convener of the Committee

Shri. Satish Deshmukh, Additional District Magistrate, Palghar, Dr. Mohan Naladkar, Deputy Collector, Wada & Shri. Dinesh Kurhade, Tahsildar, Wada were also present at the time of public hearing.

**Shri. Sujit Dholam, Convener of public hearing Committee** has welcomed all the public present and with the due permission of the Chairman of the Committee, the work of public hearing proceeded. He explained that, M/s. Aarav Fragrances & Flavors Pvt. Ltd., Vill. Jamghar-Lakhmapur, Tal.-Wada, Dist.-Palghar has submitted the proposal to conduct public hearing for proposed expansion project for manufacturing Synthetics Organic Chemical Products. As per the provisions of the EIA notification dtd. 14 September 2006, published by Ministry of Environment and Forest, Government of India. M.P.C. Board has published advertisement in Marathi newspaper Dainik Sakal and Pudhari on 22.06.2017 and English newspaper Dainik Free Press Journal on 22.06.2017, one month before this public hearing. The copy of environment impact assessment report as submitted by the project proponent and other

documents pertaining to this project were placed in the office of District Collector, Palghar, Dist.-Palghar, Zilla Parishad, Dist.-Palghar, District Industries Center, Dist.-Thane., Tahasil Office, Tal.-Wada Dist.-Palghar, Panchayat Samiti, Wada, Tal.-Wada, Dist.-Palghar, Regional Office, MPC Board, Kalyan. Environment Department, Govt. Of Maharashtra, New Adm. Bldg., 15<sup>th</sup> Floor, Madam Kama Marg, Mantralaya, Mumbai – 400 032. Group Grampanchayat Jamghar-Lakhmapur, Tal.-Wada, Dist.-Palghar. So as to have access to the concerned public for reference and scrutiny of the details of Public hearing documents. Concerned public were requested to file their objections/ suggestions/ views etc. Further convener informed that the participant who wants to submit their suggestions/ objections can submit the same after the presentation of proposed project by the project proponent. The minutes of the public hearing will be submitted to the Environment Department. The role of this committee is to record objections, questions, suggestions, queries of the public and submit it further. This committee shall not take decision about the proposed project. After permission of Hon'ble Chairman of the committee, convener requested the project proponent to start the presentation regarding the proposed project and requested the Chairman of the committee to conduct the public hearing.

**Chairman of the committee** then explained in brief the purpose and process of public hearing to the public present. Project proponent shall do the detailed presentation about the proposed project explaining the technical details. Thereafter public can express their views/ objections, also the same can be submitted in written, which shall be duly acknowledged by M.P.C. Board. Project proponent shall give clarifications regarding the objections filed. There will be a session of questions and answers, after the completion of presentation by project proponent wherein discussions will be held for clarifying the views/ objections expressed by the public. He also requested the public present to hear the presentation peacefully and express their views in democratic way during the course of discussions. The views/ objections expressed by the public shall be recorded in the minutes of public hearing to be submitted further to Ministry of Environment Forest.

Thereafter Chairman of the Committee requested the project proponent to give presentation.

Project proponent delivered presentation with details of manufacturing process, raw material required, water consumption, and requirement of electricity as well as pollution control equipment's proposed to control the air pollution, impact assessment, environment arrangement plan etc. Also informed about CSR.

After completion of presentation by project proponent, chairman of committee has requested public to ask queries or objections if any.

**Shri. Jaywant Krushna Patil, Nehroli,** Nehroli village is not included in the project presentation all though this village is located adjust in project site. Survey for preparing report is not carried out in nehroli village. Nehroli village is not mentioned in the map. About 148 CMD ground water in going to be extracted for industry used. Due to this, nearby villages shall face water shortages. SO<sub>2</sub> & CO gases are going to be emitted from industrial process. There are probability for acid drain occurrence, due to which acidity for agriculture land shall be elevated. Agriculture is major source for income in this region. Also this area covered in green belt. Hence, chemical industries shall not be allowed in this area. Information regarding disposal of coal ash generating from the industrial operations about 243 MT/day is not mentioned in the report. To which brick kilns this coal ash to be disposed. Lands strata in this area is of basalt rock type. So, if waste water disposed on land, it will not percolate down under. Whereas waste water shall flow through catchment area causing damage to the crop. We on behalf of Nehroli villager's record oppose to the project.

**Shri. Ajay Arun Gole, Jamghar,** My farm land is Nehroli village. Survey no & Gut no in the mentioned in the report shall be verified from the 7/12 land documents. Fruit bearing trees in this area are affected due to industries pollutions. It should be verified whether how many local workers are working in the factory.

**Shri. Dinesh Patil, Jamghar,** My farm land is adjacent to the factory. There is no harm to the crop. Industry has made arrangements for Potable water to villagers have made educational assistants to the village school. Computers are provided are village school. Local citizens shall get job opportunity.

**Shri. Ajit Govind Patil, Jamghar,** our farm land is adjacent to the factory. However view have not been informed or taken into confidence at the time of survey. There is possibility for acid drain due to which crop shall be affected. We opposed this project.

**Mrs. Sadhana Bhanushali, Zilla Parishad School, Jamghar,** This industry has provided invaluable facility for this school. Borewell, tap & piping for potable water is provided in the month of Feb, 2015. Computers & internet facility is provided to this school, full-fledged computer lab is setup for the students. Industry managements is helping regularly. They have provided fire extinguisher equipment's to the school children. We hope to received same kind of assistance in future.

**Shri. Sunil Patil, Lakhmapur,** My farm land adjacent to this industry. No effect in agriculture due to industry. Plenty of human resource is available locally hence employment to be given locals.

**Shri. Vijay Kumar Patil, Retire Farming Officer, Nehroli,** Nehroli village is not mentioned in the report. Nehorli villagers were not informed about the project. Project presentation was in adequate. Sampling location for soil & water not mentioned. In the report soil is informed to be sandy. However it is not true. Agricultural land and in this region is very much productive. Why industry has not mentioned Nehroli village in the report. No requirement to be use fertilizers in the agriculture. Quality crop is produce in this region. Report suggest use of organic fertilizers which is in adequate. Villagers is not taken into confidence. Effluents generating from the industry are going to be flow through catchment area because of which agriculture land in Jamghar, Nehroli is going to be affected. This issue is not incorporated in the report. It is wrongly mentioned in the report that water available in this region is not suitable for drinking. If crop yield in decreased in future industry shall be held responsible. Nehroli village is not mentioned in the report deliberately. Report is misguiding we oppose to the project.

**Shri. Suni Mokashi, Jamghar,** Industry running since last ten years. There is no nuisance due to industry. I have not gone through the details of proposed industry. However

it is to inform that employment shall be provided to locals on priority. Farmers shall be provided explanation regarding there issues.

**Shri. Ajay Gole, Nehroli,** Government has banned manufacturing of gutkha products. Smell similar to gutkha is experience some times nearby the industry.

**Shri. Amol Patil, Nehroli,** Since last 20 to 25 years, industrialization has taken place in Wada Taluka. However there is no firefighting facility. In recent times there were industrial accidents. Blast has accorded in chemical factory in Kondale village. Who is responsible for this. No information in the report regarding, for operating firefighting nozzles where water going to be store. Separate firefighting facility is required in Wada Taluka. Similar accidents can occur in this factory hence to oppose.

**Shri. Ramesh Bhaurao Patil, Nehroli,** Our farm land will be affected since water carring nalla goes through our land, Project planning shall be adequate.

**Shri. Suresh Patil, Nehroli,** Please informed the location of soil & water samples collection. Explanation shall be provided, as to why Nehroli village is omitted during the study survey for preparation of EIA report. Nehroli village is adjacent to be industry.

**Shri. Amol Patil, Nehroli,** Survey no of the affected & not be affected citizen shall be verified. Adjacent land owners are affected.

**Shri. Suresh Patil, Nehroli,** Direction of the flow of the water from the industry shall be verified. Eastern side is not mentioned in the report. Whereas since wind direction is form west towards east, Nehroli village is going to be affected due to air emission from the industry.

**Shri. Amol Patil, Nehroli,** information regarding is direction is not provided. In the report regarding crop details in impact zone. Nehroli village is towards is instant side of the project.

**Shri. Vishwajeet Gole, Jamghar,** CSR expenditure for boring is wrongly mentioned on higher side. Permanent employment is not provided to locals.

**Shri. Dayanand Gole, Jamghar,** My survey no is not mentioned in the project map, although my land is adjacent to the industry. I oppose to the industry.

**Shri. Sandeep Tukaram Gole,** No effect due to production activity of the industry. Public hearing is conducted for propose expansion. Care should be taken to avoid environmental damage due to chemical process. Else project shall be cancelled.

There after Shri. Rajeev Aundhe, Aditya enviro services offered the explanation regarding issues raise by the citizens.

- Sampling location are mentioned in the EIA report.
- Nehroli village is not omitted deliberately while preparing the report. Out of 79 villages present in the impact zone, sampling is carried out in 21 villages. As per guidelines of the Center Government above 20 to 25 percent villages are to be incorporated in the study report. Survey team have visited Nehroli village.
- Boiler and thermic fluid heater is going to be installed. Bio mass and bio waste is going to be used as fuel. So that SO<sub>2</sub> emission shall be in lesser proportional.
- Presently furnace oil used as fuel. Scrubber shall be provided to limit the SO<sub>2</sub> emissions. Fuel to Air ratio shall be control in the burner system, in order to decrease CO concentration.
- Information regarding ZLD was provided during the presentation. Effluent generating from the industry shall be segregated. High TDS effluent shall be processed by evaporation. Other effluent shall be treated in the ETP consisting of primary, secondary & tertiary treatment. Treated water shall be reused for cooling purpose. They shall not be any discharge in effluent. Effluent samples shall be submitted for analysis regularly. Detail information is provided in the report.

Negotiations are in process with brick kiln operators for disposal of fly ash. Cement blocks are manufactured in M/s. Saint Gobain Industry, wherein fly ash can be utilized. As per the provisions of Fly Ash Management And Utilization Notification, Fly ash use be for land fill, brick kilns, hollow concrete blocks, construction admixtures. Then the villagers demanded to provide explanation regarding fly ash disposal. In response, management assured that coal shall not be used as fuel.

Then **Shri. Shailesh Deshmukh, Sr. Manager** of the industry replied to some of the questions.

- Industry has ascertained the options available for fuel & source of availability. Appropriate fuel having adequacy w.r.t public health and machine adequacy shall be used. If furnace oil used as fuel, all the mandatory air pollution control system shall be installed to limit the air emissions.

Villagers have mentioned their displeasure about industry management and informed that industry have not taken into confidence affected farmers. Survey no. and Gut no. mentioned in the report shall be verified.

**Chairman of the committee, District Collector, Palghar** reviewed question and issues raised by the villagers during the public hearing. On the basis of project presentation and EIA report prepared, following issues were communicate

- Issue No. 1 :** Gut no/Survey no mention in the report shall be verified.
- Issue No. 2 :** The map presented in the presentation section impact study location details, shall be legible. Also the figures provided are also not legible. There are many pages in the report which are not legible, same shall be replaced.
- Issue No. 3 :** District is wrongly mentioned as Thane in the report at few places. The errors in the presentation which were brought to the notice shall be rectified.



- Issue No. 4 :** It has been mentioned in the sections impact and remedial measures that during the construction phase about 35 to 50 people will shall get employment. Question raised in this regard during the public hearing, how it is going to implemented.
- Issue No. 5 :** It is mentioned in the report that under CSR programed, Rs. 4.5 lacs are expended in the year 2015-2016 for Grampanchayat school bore well. Considering the expenditure incurred towards bore well, it is felt that bore well is bored further deep. Detail information shall be submitted.
- Issue No. 6 :** What provisions are going to made to restore to ground water level. How much ground water is going to be extracted from the reserve. Whether the guidelines notified by CGWA are going to be followed. Nearby villages may face the water shortage, in case ground water is extracted beyond limits. What measures shall be taken for this issue.
- Issue No. 7 :** How much water is required from industrial process from which resource. How many bore well / dug well shall be provided and of how much capacity. Till how much period and at what rate ground water is going to be extracted. From which resources surface water and ground water is going to be utilize and in what quantity it shall be used.
- Issue No. 8 :** Whether any kind of softening plant is going to be installed for treatment of raw water.
- Issue No. 9 :** What measures are to be taken towards rain water harvesting. What kind of rain water harvesting structures shall be installed. Detail information shall be provided.



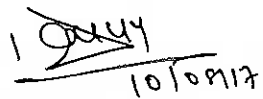
- Issue No. 10 :** What kind of raw material shall be used for production process. How raw material is going to be stored. What measures shall be taken to store the chemicals. What about disposal of by products generating from the project.
- Issue No. 11 :** EIA report emphasizes that fly ash shall be send to brick manufacturers. However to which brick manufacturers same will be provided is not mentioned. Detail information to be provided.
- Issue No. 12 :** What will be quantity and characteristics of the waste water generating from the production process. Detail information shall be provided above the treatment facility proposed to be provided. Industry has mentioned to ZLD. Detail information shall be provided about the treatment units proposed. How the precipitate solids from ZLD shall be disposed. What will be disposal method for treated effluent. What facility shall be provided for recycling the effluent.
- Issue No. 13 :** It is mentioned in the water pollution control aspect that effluent shall be segregated and then recycled. ZLD issue is very sensitive, administration have issued notice under section 133. Government have constituted on committee in this regard. Additional District Collector, Palghar is member of this committee. Detail explanation shall be offered by the project proponent regarding the questions raised during the public hearing.
- Issue No. 14 :** Whether the norms towards disposal of Hazardous Waste shall be followed. Where it shall be disposed. Which industry are received this waste. What will be mode of disposal of spent solvent generating from the industry.

- Issue No. 15 :** Detail information shall be provided about the Air emissions and Control systems to be provided. Whether the emissions from production process are of explosive nature. What kind of control system shall be provided for VOC emissions. Coal is going to be used as fuel. What will be the source of the coal and what will be the transport management measures. Whether it will be raw coal or washed coal. Whether coal washery is going to be installed. Submit information regarding emissions involved in the furnace oil fuel burning.
- Issue No. 16 :** Impact zone mentioned in the EIA report is 10 KM. However gaseous emissions impact is assessed to the extent from 1km to 3.5km. Samples are collected to the extend from 1km to 3.5km. Hence same dose not seems to be representative.
- Issue No. 17 :** About 1 Cr. towards capital expenditures and Rs. 30 lac towards Operation and Maintenance for the environment management facility. Question raised about this shall be answered in writing along with details of expenditures.
- Issue No. 18 :** EIA report methodology mentioned in the report is wrong. This flow chart is actually for the process to grant environment clearance. It is mentioned that E collie is present in the water samples. Detail information to be provided in order to take preventive measures from the administration side.

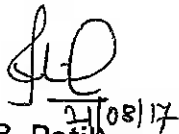
Then Chairman of the Committee instructed project proponent to submit the explanation in writing regarding the questions raised by the citizens during the public hearing. Minutes shall be finalised after the receipt of explanation regarding the issues raised. He thanked all the present citizens for participating and presenting there views. It was also clarified that this committee in empowered to conduct the public hearing and finalise the minutes. Committee has no role in the decision making towards

Environment Clearance. All the questions and their answers shall be forwarded along with minutes.

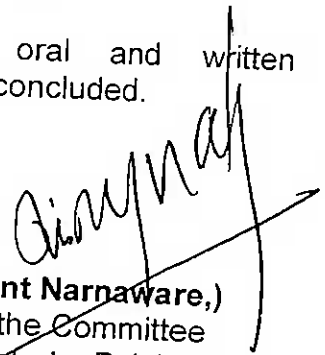
Thereafter Chairman of Committee has informed that oral and written objections/suggestions are recorded and declared that public hearing is concluded.

  
10/08/17

(Sujit Dholam)  
Convenor  
Sub Regional Officer, Kalyan

  
21/08/17

(D. B. Patil)  
Member  
R.O. Kalyan



(Dr. Prashant Narnaware,  
Chairman of the Committee  
District Magistrate, Palghar