

**Minutes of the Environmental Public Hearing held on 16-10-2018 in connection with the M/s. Madhusheel Rasaayan Pvt. Ltd., Sy.No.17/A/2 & 17/E/2, Mirzapur (V), Pudur (M), Vikarabad District, Telangana State to manufacture of specialty chemicals i.e., Furfuraldehyde, 2-Methyl Tetra hydro Furan and 2-Tetrahydrofurfuryl Alcohol from bio - based raw materials.**

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**The following panel members were present:**

S. No.	Name of the Panel Member	
1.	Smt. K. Aruna Kumari	Joint Collector & Additional District Magistrate
2.	Sri M. Venkanna, Environmental Engineer, Telangana State Pollution Control Board, Regional Office-1, Rangareddy District.	Representative of the T.S. Pollution Control Board.

**The following representatives were present:**

S. No.	Name & Designation
1.	Sri D.Vinay Kumar, GM, DIC & Deputy Director, Vikarabad

At the outset, the Environmental Engineer, TSPCB, Regional Office-1, Rangareddy in his welcome address requested the people gathered at the venue and public representatives and other officials to participate in the environmental public hearing held in connection with the proposed industry i.e., M/s. Madhusheel Rasaayan Pvt. Ltd., to manufacture of specialty chemicals i.e., Furfuraldehyde, 2-Methyl Tetra hydro Furan and 2-Tetrahydrofurfuryl Alcohol from bio - based raw materials. He has also invited the Joint Collector, Vikarabad District to conduct the public hearing in accordance with the procedure laid down in the Environment Impact Assessment Notification (EIA), 2006 issued by the Ministry of Environment, Forests and Climate Change, Government of India. While explaining the salient features of the EIA Notification, 2006 S. O. (E) No.1533, dated 14-09-2006, he stated that the public hearing is a mandatory process of any industry listed under 'B' category of the EIA Notification, 2006. The present project is categorized as B and the environmental public hearing is being held to elicit the views, opinion, suggestions and objections if any, on the proposed project. He further stated that paper notifications were published in 'Eenadu' and 'The Hindu' newspapers have wide circulation on 15-09-2018. The Executive Summary and Draft EIA and EMP reports were made available to all related Government offices and surrounding Gram Panchayaths in addition to the Collectorate of Vikarabad District as stipulated in the EIA Notification, 2006. In response to paper notification, 3 representations in support of project were received from the public as on public hearing date. He informed that the proceedings would be held in transparent

manner. The proceedings would be minuted and sent to the Ministry of Environment, Forests & Climate Change (MoEF&CC) for further appraisal. He then requested the Joint Collector, Vikarabad District to conduct the proceedings of Public hearing.

1. **The Joint Collector, Vikarabad District** while inviting the people gathered at the venue has stated that the entire proceedings of the environmental public hearing will be video graphed with the views expressed on the project by the people gathered at the venue. The same will be sent to the SEIAA, Telangana. The Joint Collector stated that the public hearing would be conducted in accordance with the provisions of the Environment Impact Assessment Notification, 2006 issued by the SEIAA, Telangana. The proposed i.e., M/s. Madhusheel Rasaayan Pvt. Ltd., to manufacture of specialty chemicals i.e., Furfuraldehyde - 2 TPD, 2-Methyl Tetra hydro Furan - 1.38 TPD and 2-Tetrahydrofurfuryl Alcohol - 0.77 TPD from bio - based raw materials. The Joint Collector requested the project proponent / consultant to explain the salient features of the proposed project.

2. **Sri B. Dileep, Consultant, Pragathi labs** explained in detail about the proposed project:

- The proposed project involves manufacturing of specialty chemicals by using bio based raw material i.e., Corn Cob Waste.
- He explained about the product quantities (Furfuraldehyde - 2 TPD, 2-Methyl Tetra hydro Furan - 1.38 TPD and 2-Tetrahydrofurfuryl Alcohol - 0.77 TPD), land area - 1.42 Hectares, Project Cost - 4.64 Crores and benefits of the projects.
- He explained about the employment generated from the proposed project. Approximately 25 persons will be recruited during the establishment process and about 75 people will be recruited during the commissioning of the industry.
- He explained about the effect of pollution generated and proposed control equipments.
- He also informed that the proposed project will fall under B category as per the EIA Notification, 2006 as the water consumption - 18 KLD and wastewater generation - 7 KLD is less than the 25 KLD.
- He also explained about the geographical details of the site, the nearest habitation i.e., Mirzapur Village is about 1 KM towards South-West direction, State Highway is located at a distance of about 1.5 Kms, Forest area is located at a distance of about 1 Km, Water tank is located at a distance of 5 Kms and Railway station is located at a distance of about 10 Kms.

- He further informed that there are no sensitive ecological zones are located within the 10 Kms radius of the proposed site.
- He explained about the product manufacturing process in detail from starting raw material to end product. He informed that the wastewater generated during the process is treated by providing Zero Liquid Discharge (ZLD) system. The solid waste (Corn Cob waste) generated is used as a fuel in the boiler and sodium sulphite is disposed to soap & Detergent industries. The bag filter proposed for the boiler to control the air emissions, generators are provided with acoustic enclosures to reduce the noise levels. He also informed that 34% of green belt will be developed in and around the industry premises as per the guidelines. He informed that a detailed study was conducted within the 10 kms radius of the proposed site. The air samples, water samples were collected at different locations within the 10 kms radius of the proposed site and the values are within the prescribed limits as per the CPCB standards. As per the reports, the ground water falls under the Class 'C'. The soil composition is having sufficient nitrogen and potassium but is having low phosphorus content. The total area within the 10 Kms radius of the proposed site is of 55% forest, 18% dry lands and 15% agricultural land. He explained about the sources & types of pollution and proposed control equipments / treatment facilities to mitigate the pollution generated from the proposed activity.
- The consultant informed that Rs.40 Lakhs will be allocated towards environmental activities / protection initially and every year Rs.10.44 Lakhs will be allocated for pollution control equipments. He informed that farmers will be benefitted as the proposed activity requires corn as raw material.
- He further informed that 25 local people will be recruited at the time of establishment and about 68 people will be recruited during the commissioning of the industry. About 2% of the project cost will be utilized towards CSR activities to develop the villages located within the 10 kms radius. He also informed that revenue will be generated to the Government in terms of taxes paid by the industry.

3. **Sri M.A.Rasheed, Ex-MPTC, Mirzapur Village, Vikarabad District** welcomed the Joint Collector - Vikarabad District, Environmental Engineer - Regional Office - I, Rangareddy District , Proprietor & all the participants. He opined that the proposed project is good for Mirzapur Village as all the people belongs to poor farmers family and also illiterates because the proposed industry farmers will be benefitted and requested to recruit local people in the industry. He informed that every time the proprietors are promising to recruit the local people but most of the times the promise was not implemented. He also requested to take care of

the people, farmers and environment without creating any damage then he does not have any objection for the proposed project.

4. **Sri O. Yadaiah, NGO, EPO State Secretary** welcomed the Joint Collector - Vikarabad District, Environmental Engineer - Regional Office - I, Rangareddy District, Proprietor & all the participants. He informed that generally in all public hearings promises / proposals were made but not implemented perfectly. The management is not showing interest in the implementation of the conditions. He informed that the proposed product i.e., 2-Methyl Tetra hydro Furan is a harmful chemical due to this air pollution increases, spreading of skin allergies taken place and requested to provide proper air pollution control equipments to reduce the affect. In some cases, wastewaters were discharged without treatment and thereby causing water pollution in the nearby tanks, night times air pollution are not controlled due to which nearby village people & animals are affected. He informed that the management should strictly implement the conditions prescribed by the Pollution Control Board and also PCB officials shall strictly enforce the conditions to control the pollution. Everybody will think that employment will come due to establishment of industries but the employment shall not be at the cost of their life. He requested to take necessary action in such a way that there shall not be any affect on the neighbouring agricultural fields. He mentioned that in the industry labour would be working in hazardous environment, so the industry shall ensure personnel safety and safe storage of raw materials. He also requested to recruit local people in the proposed industry. As per rule, they should recruit 80% of the local people.
5. **Sri Y.Chennakesava Reddy, Social Activist** welcomed the proposed project and informed that this area is a backward area. This type of industries will give employment and development. He requested the proponent shall implement all the pollution control equipment and greenbelt as per the CPCB Rules. He requested to recruit 80% of local people in the proposed industry within 10 Kms radius. He requested to pay the crop compensation in the future if any damage will occur to the neighbouring fields. The wastewater should be treated properly and informed that the proposed activity is not harmful project. He informed that due to chemical industries in and around Hyderabad most of the ground water polluted. He requested to allocate the CSR amount for the villages located within the 10 Kms radius only.
6. **Sri G.Vijay Reddy, Environmental Activist** welcomed the proposed project and he is happy for the proposed project. He informed that in and around this area, there is no much cultivation / good agriculture, about 2500 acres of land is

not cultivated due to so many reasons. The corn waste is disposed without usage but the proposed activity will use the corn waste and produces useful product. Presently, this corn waste is openly burned leading to increase in air pollution. He requested to allocate some part of the land for agriculture. He opined that the average rainfall in this area is 855 mm and 10% of the water is percolated into the ground. Due to the proposed project the industry will require 6570 KL per annum of water, over the period of time the ground water depletion will take place, for that he requested to implement roof water harvesting structure and rain water harvesting structures within an area of 1 acre to increase the ground water levels. He requested to develop the green belt in order to increase the oxygen levels and to avoid the soil erosion. He suggested to dispose the boiler ash to brick manufacturing units at the free cost. He opined that sustainable development is required.

7. **Sri C.M. Reddy, NGO, Kadapa** welcomed the Joint Collector - Vikarabad District, Environmental Engineer - Regional Office - I, Rangareddy District, Proprietor & all the participants. He thanked for giving the opportunity. He informed that no industries are coming in their Kadapa District, he is happy that this village is getting one new industry. Generally, chemical industries create a lot of air pollution. He asked what are the air pollution control equipments proposed. He requested the management to give written statement which includes implementation of CSR activities in the nearby villages. He also requested to adopt some villages in and around the proposed site.
8. **The Joint Collector, Vikarabad District** opined that public health is very important. The Joint Collector quoted example of Delhi air pollution and requested to control the air pollution in order to maintain the oxygen levels. The Joint Collector requested the management to cultivate the corn yields in an area of 0.5 acre to know the effect of the pollution on the field. The joint collector requested the industry to develop the green belt and also suggested to make MOU between public and industry to implement the promises made during the Environmental Public Hearing. The Joint Collector requested the management to implement all the promises in order to maintain the good health of the Mirzapur villagers.
9. **Sri Nandipati Ravi Kumar, NGO** opined that today's public hearing is different from the other chemical industries as the proposed activity is using agri based waste to manufacture the product. Presently these wastes are open burned and air pollution is increased. He quoted Delhi air pollution as an example of open burning of agri based waste in the neighbouring states Punjab & Haryana. He informed that we should appreciate the management for the proposed activity. He requested the management to start the green belt development from today onwards as committed in the EMP i.e., 34% of green belt. He opined that the CSR committee should be formed with local people in order to implement the

CSR activities. He suggested to give proper training to local illiterate people and recruit in the proposed project. Finally he recommended for the proposed project.


10. **Sri D. Anjaiah, NGO** welcomed the Joint Collector - Vikarabad District, Environmental Engineer - Regional Office - I, Rangareddy District, Proprietor & all the participants. He informed that the proposed project was already established in Nellore and operating without any problem. He informed that agri waste industry is useful for manufacturing of heart disease drugs. He opined that many industries are not fulfilling the promises, not giving the local employment. Because if something has done wrongly within the industry they will be caught hence they are not recruiting local people. Most of the villagers are not aware of the proposed project as they are illiterates. He suggested to give proper training to local illiterate people and recruit in the proposed project. He quoted an example of sugar industry how the local farmers are benefitted. This project also useful for local farmers and welcomed the project.


11. **Sri Ramesh, NGO, Nalgonda** welcomed the Joint Collector - Vikarabad District, Environmental Engineer - Regional Office - I, Rangareddy District, Proprietor & all the participants. He opined that this type of project is different from other chemical industries. He quoted example of choutuppal where many chemical industries are polluted the atmosphere, but this project is agri based industry and useful. He requested to recruit local people, implement the CSR activities by forming CSR committee with local public. Finally he recommended the project.

The Joint Collector requested to give written suggestions / grievances to concerned authorities.

The Joint Collector concluded the public hearing on positive note with an assurance that the views expressed by the people gathered at the venue will be minuted and all written representations received in connection with the PH will also be enclosed for sending it to the SEIAA, Telangana for taking further action.

**Representations received in this connection are enclosed herewith. List of the public participated in the public hearing is appended.**

  
Environmental Engineer,  
TS Pollution Control Board  
Regional Office-1,  
Rangareddy District.

  
Smt Aruna Kumari,  
Joint Collector & Additional District  
Magistrate,  
Vikarabad District.