

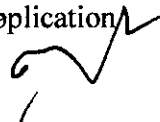
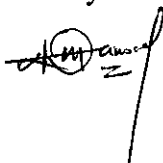
MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING FOR THE PROPOSED EXPANSION OF SUGAR UNIT FROM 4500 TCD TO 10000 TCD AND CO-GENERATION POWER PLANT FROM 12 MW TO 42 MW BY PROJECT PROPONENT M/S. SHRADDHA ENERGY AND INFRAPROJECTS PVT. LTD, (SEIPL), GAT NO. 13, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 135, 136, 137, 161, 163, 164, VILLAGE WARPAL, TAL. PARTUR, DIST. JALNA, DIST. JALNA, MAHARASHTRA.

The Environment Public Hearing for the proposed expansion of Sugar Unit from 4500 TCD To 10000 TCD And Co-Generation Power Plant from 12 MW To 42 MW by project proponent M/s. Shraddha Energy And Infraprojects Pvt. Ltd, (SEIPL), Gat No. 13, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 135, 136, 137, 161, 163, 164, Village Warphal, Tal. Partur, Dist. Jalna was conducted on 22-01-2025 at 12.00 pm at the project site.

As per Board's Office Order No. E- 05 of 2024 under letter no. BO/JD (WPC)/PH/B - 241227- FTS- 0056 dated 27-12-2024. Panel for Public Hearing was formed. Following Panel members were present during the public hearing:

1. **Shri. Shashikant Hadgal,**
Residential Deputy Collector, Jalna. : Chairman.
2. **Shri. Manish Holkar,**
Regional Officer,
M.P.C. Board, Ch. Sambhajinagar : Member
3. **Shri. Deepak Bansod,**
Sub Regional Officer,
M.P.C. Board, Jalna. : Convener.

Shri. Deepak Bansod, Sub Regional Officer, Maharashtra Pollution Control Board, Jalna welcome the Hon'ble Chairman of the Public Hearing Panel, officials, public representatives and public present for the hearing and with the permission of the Chairman of the Public Hearing Committee he gave information in brief about Public Hearing on Environment. He mentioned that, today we have gathered for the environmental public hearing of the proposed expansion project by M/s. Shraddha Energy and Infraprojects Pvt. Ltd. (SEIPL), Gut No. 13, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 135, 136, 137, 161, 163, 164, Village Warfal, Tal. Partur, Dist. Jalna, The expansion of the Sugar Industry from 4500 TCD to 10000 TCD and co-gen plant from 12 MW to 42 MW. This project is being discussed for the environmental public hearing as per the notification under the Ministry of Environment, Forest, and Climate Change, Government of India, dated 14th September 2006, and it falls under Category 'B'. This category requires environmental clearance from the Government of India, New Delhi, and as part of this process, a public hearing is mandatory. M/s. Shraddha Energy and Infraprojects Pvt. Ltd. (SEIPL) submitted their application

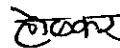
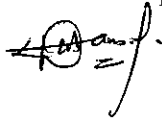


to the Maharashtra Pollution Control Board for conducting the environmental public hearing. The public hearing was scheduled on 22-01-2025 time 12.00 p.m. with approval of Hon'ble District Collector Jalna. Accordingly, notice was published 30 days before in Daily Times of India (English) & Daily Sakal (Marathi) on dated 02-12-2023. Also, the documents pertaining to the summary of the Environmental Assessment Report on the project (in English and Marathi) was made available for study to the interested public in the respective Gram Panchayat offices and other government offices. Accordingly, today's public hearing is being held. A copy of EIA report and executive summary was made available at various Govt. offices as under-

- 1) District Collector, Jalna.
- 2) Zilha Parishad, Jalna.
- 3) District Industries Centre, Jalna.
- 4) Tahsildar, Tahsil Office, Partur.
- 5) Grampanchayat Office, Warphal, Tal. Partur, Dist. Jalna.
- 6) Koregaon, Tal. Partur, Dist. Jalna.
- 7) Chincholi, Tal. Partur, Dist. Jalna.
- 8) Mapegaon, Tal. Partur, Dist. Jalna.
- 9) Warphal Wadi, Tal. Partur, Dist. Jalna.
- 10) Revalgaon, Tal. Partur, Dist. Jalna.
- 11) Sub-Regional Office, Maharashtra Pollution Control Board, Jalna.
- 12) Regional Officer, MPCB, Plot No. A-4/1, MIDC Chikalthana, Chhatrapati Sambhaji Nagar.
- 13) Maharashtra Pollution Control Board, Kalpataru Point, 2nd,3rd & 4th Floor, Sion Matunga Scheme Road No. 8, Sion (E), Mumbai – 400 022.
- 14) Environment Department, Government of Maharashtra, Mantralaya, Mumbai-32.
- 15) Regional Office, Ministry Environment, Forest & Climate Change, (WCZ), Ground Floor, East Wing, New Secretariat Building, Civil Lines, Nagpur.

Further he clarified that, Board had given 30 days period for submission of any suggestions/Objections/views etc about the project as per the notifications and Sub-Regional Office, M.P.C. Board Jalna has received three suggestion by Email as per below it has also been recorded and is being attached -

1. Shri. Ranganathrao Kothaonda, Save Earth, Urban and Rural Development Society, Telangana made some suggestions regarding utilize CSR fund through nearby village development, conduct health checkup camps, support rural primary education to the workers, Construct water harvesting and storage, take up plantation in nearby villages etc to the project.
2. Shri. R. Venkatesh, Varsha Environmental and Rural Development Society, Hyderabad made some suggestions regarding more employment provided to the local peoples, conducting health checkup camps to nearby villages, to the project.
3. Shri. Naveen Kumar Palle, United Social Services Society, Hyderabad made some suggestions regarding many benefits to the local peoples, improvement road in the nearby villages, develop plantations to the surrounding area, management conduct medical camp nearby villages etc to the project.



Also he informed to the public that, participants can raise their objections, comments etc. in oral or written after presentation the Public Hearing. He then requested with the permission of the Chairman to the project proponent to make a presentation about the proposed project.

The project consultant, M/s. Technogreen Solutions Limited, Pune, has given information in brief along with presentation on various environmental aspects i.e. project, including Introduction, Environmental Impact Assessment (EIA), and the purpose of the public hearing, Location of the project, Google map of the project site, Project details, Project layout, Study area of the project, Current photographs of the project site, Key features of the proposed project, Basic requirements for the proposed project, Environmental baseline condition studies, Details of the local environmental conditions and surroundings, Information about the study area, Air quality monitoring results within the study area, Noise monitoring results in the study area, Water quality monitoring results within the study area, Groundwater and surface water quality results, Soil quality monitoring results in the study area, Soil quality conclusions, Biodiversity and environmental studies, Land classification within the study area, Socio-economic environment analysis, Expected impacts on the surrounding environment, Environmental management plan, Online Continuous Environmental Monitoring System (OCEMS), water, and wastewater management, Solid waste management, Greenbelt development and photographs, Details of the post monitoring program, Environmental management cell information, Social responsibility initiatives, Environmental management costs, Project benefits, etc. The information on the above is recorded in the CD and taken notes in brief in the minutes of the public hearing. A copy of the presentation made is also attached.

After concluding the power point presentation of said project by the Project Consultant, Shri. Deepak Bansod, requested to present public to give their suggestions, notes, thoughts, questions, etc. by stating their name and village.

After that, following suggestions, notes, thoughts, questions, etc. were raised and reply to the same was given by project consultant/proponent.

Sr. No.	Name and address of the person along with suggestions, views, comments etc.,	Reply given by project proponent/ Consultant
1.	Shri. Sopan Sakharam Katare, Res. of Chincholi, Tal. Partur, Dist. Jalna, asked that, how much time required for the completion of the proposed expansion project?	On this, the Project consultant said that, this public hearing is for environmental clearance. After obtaining the necessary permission, the project operation will be started after 12 months.
2.	Shri. Sheikh Julkar, Res. of Warfal, Tal. Partur, Dist. Jalna, asked that, what measures have been taken to prevent air pollution from the new proposed expansion project.	On this, the Project consultant said that, to mitigate air pollution, the existing facility is equipped with two 32 TPH boilers integrating a 45-meter stack and an Electrostatic Precipitator (ESP). For the proposed expansion, two 38 TPH boilers and one 110 TPH boiler will be installed, along with an 81-meter stack and ESP. With 99.9% efficiency, the ESP will effectively

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		capture dust particles, preventing their release into the air. As a result, emissions from the boilers will be minimized, ensuring that dust does not disperse into the surrounding environment or the atmosphere, thereby significantly reducing air pollution.
3.	Shri. Radhakisan Haribhau Hinge, Res. of Mapegav, Tal. Paratur, Dist. Jalna, Said that, what will be the benefits for nearby farmers due to the new proposed expansion project?	On this, the Project consultant said that, a significant amount of sugarcane is produced in the surrounding area. Currently, the existing project has a sugar factory with a crushing capacity of 4,500 TCD, which is insufficient. The proposed new project will increase this capacity, resulting in an enhanced sugarcane crushing capacity. This will ensure timely processing of sugarcane, enabling farmers in the region to produce more sugarcane. Additionally, since the co-generation power plant and distillery are part of the project, farmers in the area will receive a better price for their sugarcane, which will undoubtedly benefit them.
4.	Shri. Santosh Laxmanrao Dinde Res. of Warphalwadi, Tal, Partur, Dist, Jalna, asked that, what are the measures being implemented to manage chemically induced water & wastewater discharge which will be generated from the new expansion project. also, how much time required to complete the proposed project. Additionally, he said that, the project be initiated on time, as farmers in the surrounding villages are increasing their sugarcane cultivation significantly in anticipation of the new project.	On this, the Project consultant said that, as mentioned during the presentation, complete precautions have been taken to ensure that the wastewater generated from the project will not discharged outside the factory premises. With the help of advanced technologies, the wastewater produced within the factory will be reused internally. A condensate polishing unit with a capacity of 2,500 cubic meters per day will be installed, where the wastewater generated will be treated and reused in the distillery project and other factory processes. Currently, the factory requires approximately 530 cubic meters of water per day, for which permission has been obtained from the Dudhna Dam. For the new expansion project, there will be no need for additional water permissions, as the existing water will be treated and reused. Moreover, the treated wastewater will be utilized for developing a green belt over approximately 22 hectares. This ensures that not a single drop of wastewater will discharge outside the factory premises, and the project management has made thorough arrangements to achieve this.

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5.	<p>Shri. Bajirao Vithalrao Kharat, Res. of Koregaon, Tal. Partur, Dist. Jalna, Said that, as mentioned in the presentation, the proposed expansion project will create employment opportunities. He further requested the project manager to prioritize local residents for jobs based on their qualifications.</p>	<p>On this, the Project consultant said that, in the currently operating project, priority has already been given to workers from the surrounding villages. Additionally, more workers will be required for the new project, including both skilled and unskilled labor, who will be hired based on their qualifications. The project management has planned to prioritize residents from nearby areas for these new job opportunities.</p>
6.	<p>Shri. Manish Holkar, Regional Officer, Maharashtra Pollution Control Board, Chhatrapati Sambhajnagar, Raised Question: - Currently, the sugar factory and distillery are operating at the same location, and as per the presentation, approximately 68,000 metric tons of pressmud will be generated annually from the boiler. While pressmud benefits the farmers but complaints are frequently received about its use in fields causing groundwater contamination. He suggested that the factory should explore dual usage of pressmud to mitigate this issue.</p> <p>Further, he mentioned a circular issued by the Sugar Cooperative Organization on 09/09/2024, which advises sugar factories to establish compressed biogas (CBG) plants. These plants can generate biogas from pressmud, which can then be utilized for local transportation, factory logistics, and reducing pollution. He asked the factory to clarify the measures they have taken or plan to take regarding the implementation of this circular.</p> <p>He also noted that the factory has received environmental clearance for the expansion of its 350 KLPD distillery project, which includes a recommendation to install an incinerated boiler. He asked whether the factory has implemented this recommendation or plans to do so.</p>	<p>On this, the Project consultant said that, the existing distillery plant has a capacity of 120 KLPD, where R Ethanol and DNA are being produced. The factory has also obtained environmental clearance to expand the distillery capacity from 120 KLPD to 350 KLPD. For waste management in this project, the factory has planned a process involving Biomethanization followed by Multi-Effect Evaporation (MEE) and Dryers. The pressmud generated during operations is currently being treated using biomethanization of spent wash, which is further utilized in the 30 TPH boiler. Additionally, the factory has planned to establish a Compressed Biogas (CBG) plant in the future. This plant will ensure that both pressmud and spent wash are efficiently processed, reducing waste and utilizing it for sustainable energy solutions.</p> <p>On this The project director confirmed that, an incinerated boiler has already been installed as part of the expansion project after obtaining the necessary environmental clearances. Addressing concerns about biogas generation, the director mentioned that the factory has plans to set up a biogas plant within one year to handle pressmud and spent wash more effectively.</p>

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7.	<p>Shri. Shashikant Hadgal, Residential Deputy Collector Jalna, stated that, he was selected as the chairperson/representative by the District Collector of Jalna for the environmental public hearing. The committee for the hearing was formed with Shri. Holkar saheb and Shri. Bansod saheb as member and Convener. Around 90-91 citizens attended the hearing. The expansion of the sugar factory, which aims to double the production, will have potential impacts on the surrounding area. This public hearing was organized to address those impacts and any issues the local community might have. He mentioned that a public notice was issued 30 days prior in newspapers such as Dainik Sakal and Dainik Times of India, and information regarding the project, including the Environmental Impact Assessment (EIA) draft, was made available to the public for review. He then raised question to the Maharashtra Pollution Control Board regarding the Draft EIA and the proposed measures are technically correct or not. He also asked the project management to clarify the amount of wastewater expected to be generated during the sugar crushing process, as it was not mentioned in the presentation. Lastly, he inquired whether the environmental department for the project is created or not? Is the representatives from the local community included in that environmental department or not?</p>	<p>On this, Shri. Deepak Bansod, Sub Regional Officer of Maharashtra Pollution Control Board, Jalna, mentioned that the sugar factory had submitted an Draft Environmental Impact Assessment (EIA) report to the board after studying the surrounding areas for the proposed expansion project. The report has been verified, and the public environmental hearing is being conducted accordingly. He clarified that holding a public hearing does not mean granting permission; PP must submit the proposal/report to the environmental. Committee, which then verifies it through the environmental committee. Presentations are made to the committee members, and after addressing their questions and concerns, permission is granted.</p> <p>After that, the Project consultant said that regarding the issue of wastewater, around 760 cubic meters of wastewater will be generated by the sugar factory. Additionally, the factory, with a capacity of 10,000 TCD, and the 42 MW co-generation plant, will produce 790 cubic meters of wastewater. A wastewater management plan with a capacity of 1000 cubic meters has been proposed to manage this waste.</p> <p>Furthermore, the project consultant mentioned that, an environmental department has been set up, which includes the factory's directors, the sugar mills and distillery general managers, environmental officers, and ETP operators. However, representatives from the local community have not yet been included in this department.</p>
8	<p>Shri. Manish Holkar, Regional Officer Maharashtra Pollution Control Board, Chhatrapati Sambhajinagar, raised a question regarding the environmental clearance granted to the distillery project. He mentioned that, as per the approval from the project owner and the honorable District Collector, a Corporate Social Responsibility (CSR)</p>	<p>On this the project consultant, stated that, under the factory's Corporate Social Responsibility (CSR) fund, proposals for social initiatives have been submitted by citizens from several nearby villages through letters. These proposals include work such as road construction in the villages, building compound walls around village temples, and other related activities. All these activities will be carried out under the CSR</p>

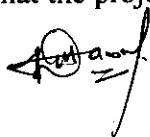
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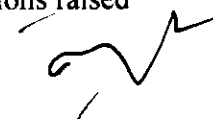
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	fund of Rs. 4.01 crore was allocated for social initiatives in the surrounding area, such as road development, health facilities, and other various programs. He asked whether the factory has implemented these initiatives or if any progress has been made in this regard.	fund. He also inquired with the honorable chairman regarding how the fund can be spent for these purposes.
9	Shri. Shashikant Hadgal, Residential Deputy Collector Jalna, Raised question: - what will be solid waste generated from the factory, particularly the quantities of slurry and press mud. Additionally, how much press mud has been sold as fertilizer since the establishment of the factory? and provide a list of the quantities sold? Provide are the official records and a list regarding the production, storage, and usage of ash generated by the factory.	On this the project consultant, mentioned that, the ash generated from the boiler is supplied to brick manufacturing factories in the area according to their demand. The factory maintains a list and contracts with the brick manufacturers for this purpose. On this Project Director further explained that, at the end of the season, all the press mud and ash are completely sold, and no residue is left.
10	Shri. Manish Holkar, Regional Officer Maharashtra Pollution Control Board, Chhatrapati Sambhajnagar, mentioned that there is a condition based on a Zero Liquid Discharge (ZLD) system for the wastewater from the sugar factory, co-generation, and distillery projects. However, as per the explanation given, this wastewater is used for the factory's garden and landscaping. He asked if the conditions and stipulations regarding the ZLD system are being followed or implemented accordingly.	On this the project consultant, explained that, as per the environmental approval, the Zero Liquid Discharge (ZLD) system condition has been stipulated. However, a 2500 TCD CPU (Condensate Polishing Unit) plant has been installed for wastewater management. They further clarified that the Zero Liquid Discharge system cannot be used for the wastewater generated from the ETP of the sugar factory, as it has higher levels of BOD (Biochemical Oxygen Demand) and COD (Chemical Oxygen Demand). Instead, this wastewater is utilized for the development of the green belt.

The chairman of the public hearing, Shri. Shashikant Hadgal, Residential Deputy Collector Jalna, first expressed his gratitude to all the citizens present from the surrounding areas, the company's directors, the promoters, and all officials from the Maharashtra Pollution Control Board (MPCB). He informed the citizens that if they still had any questions, criticisms, or comments, they were welcome to express them, as this public hearing was intended for addressing environmental concerns. After this, no further questions were raised by the citizens. He further noted that the project manager should provide written responses to the technical questions raised

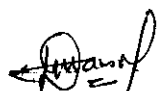




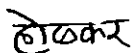
by the committee. Additionally, he mentioned that the questions raised by the citizens and the technical queries from the committee had been duly recorded.

Srimati. Seema Mangulkar, Field Officer of the Maharashtra Pollution Control Board, Jalna, expressed her gratitude and stated that today, we had gathered for a public hearing regarding the proposed expansion project of M/s. Shradha Energy and Infraprojects Pvt. Ltd. (SEIPL), located at Village Varfal, Taluka Partur, District Jalna. The proposed expansion involves expansion of the sugar industry from 4500 TCD to 10,000 TCD and expansion of co-generation power plant from 12 MW to 42 MW. The project consultant had presented a detailed presentation on the project. Following the presentation, an opportunity was provided for the citizens to raise any questions, criticisms, suggestions, or objections. In response, the company's representatives/advisors addressed the questions of the citizens appropriately. All these proceedings have been duly recorded. She also extended her gratitude to the chairman of the public hearing, Shri. Shashikant Hadgal Saheb, the members of the public hearing, Shri. Manish Holkar Saheb and the convener, Shri. Dipak Bansod saheb, as well as to the citizens present, and the directors of the company.

Lastly, the Public Hearing ended with a vote of thanks to the **Chair**.



(Deepak Bansod)
Convener
And
Sub-Regional Officer,
MPCB, Jalna.



(Manish Holkar)
Member
And
Regional Officer,
MPCB, Ch. Sambhajinagar.



(Shashikant Hadgal)
Chairman
And
Residential Deputy Collector,
Jalna.