

THE MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING HELD FOR THE PROPOSED TO INSTALL 30 KLPD DISTILLERY PLANT AND 2 MW COAL BASED CAPTIVE POWER PLANT OF M/s. GANPATI SUGAR INDUSTRIES LTD AT SURVEY No.1421/A, 1421/AA, 1421/E, 1421/EE, CHOUTKUR VILLAGE, PULKAL MANDAL, MEDAK DIST., TELANGANA STATE ON 12.11.2015 AT 11.00 AM.

(i) The Following Panel Members were present:

| Sl.No. | Name of the Panel Member | Department |
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| 1. | Sri.S.Dayanand District Revenue Officer & Addl. District Magistrate, Medak Dist., Sangareddy | Representative of the Government – District Administration and CHAIRMAN – Environmental Public Hearing. |
| 2. | Sri.B.Bhikshapathi, Environmental Engineer, TS Pollution Control Board, Regional Office, Sangareddy-I | Representative of the Telangana State Pollution Control Board and CONVENOR –Environmental Public Hearing. |

(ii) The following Officers took part in the Environmental Public Hearing:

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| 1. | Sri.M.Nagesh, Revenue Divisional Officer, Medak |
| 2. | Sri. G. Srivastava, A.E.E., TSPCB, Regional Office- Sangareddy - I |
| 3. | Sri.Shivanand , Tahsildar, Pulkal Mandal, Medak Dist. |

(iii) The following representatives of M/s.Ganpati Sugar Industries Limited, were present:

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| 1. | Sri.R.Nanda Kumar, Director (Technical) |
| 2. | Sri.M.Ramamoorthy, CE (Works) |
| 3. | Sri.J.Babu GM(Cane), |
| 4. | Sri.G.Suryanarayana Murthy, GM (Engg.) |
| 5. | Sri.S.C.JHA GM (Comml.) |

- iv. At the outset, the Environmental Engineer, TSPCB, Regional Office: Sangareddy-I while welcoming the public and the Chairman explained briefly the salient features of the Ministry of Environment and Forests, Government of India's EIA Notification No.S.O.1533, dated 14th September 2006. He stated that M/s.Ganpati Sugar Industries Limited, Fasalwadi Village, Sangareddy Mandal has proposed to Install 30 KLPD Distillery plant and 2 MW Coal based Captive Power plant at Survey No.1421/A, 1421/AA, 1421/E, 1421/EE, Chootkooor Village, Pulkal Mandal, Medak Dist., Telangana State.

He added that the Environmental Public Hearing is made mandatory for this project to obtain necessary Environmental Clearance as per the said notification. He also informed that the press notification pertaining to the present Environmental Public Hearing was published in "NamastheTelangana" (Telugu) and "Deccan Chronicle" (English) daily news papers on 10.10.2015, i.e. 30 days in advance, inviting suggestions, views, comments and objections if any from the public with regard to the proposed Distillery. He also added that the copies of Environment Impact Assessment (EIA) report and Executive Summary in Telugu & English were placed at various offices for public access as mentioned in the press notifications. He further informed that the public hearing will be conducted in a transparent manner and the minutes of the hearing will be forwarded to the MoEF&CC for further course of action. **He then requested the District Revenue Officer Medak to preside over the public hearing process.**

- v. **The District Revenue Officer, Medak** welcomed the gathering and presided over the proceedings. He explained briefly about the environmental public hearing process. The public hearing is being conducted based on the industry's EIA, report submitted to MoEF&CC and TSPCB with respect to all environmental components.

The panel is not empowered to approve the project on its own. He exhorted the people that the hearing is intended only to elicit the views, objections and suggestions of the participants regarding the proposed Distillery plant and Captive power plant. He requested the gathering to express their views either

in oral or written form. All the interested persons will be given an opportunity to offer their concerns.

Considering the views of the people is mandatory for taking decision on environmental clearance. He also informed that the proceedings will be recorded and video-graphed as such the minutes of the hearing will be drawn conspicuously and the same will be communicated to the MoEF&CC for further course of action. He requested the gathering to avail the opportunity and express their views freely without any fear in order to conduct the proceedings in a systematic manner. He further informed that the minutes copy will be made available for the people within seven days at gram panchayat or could avail under RTI. He then requested the management of the industry and their consultants to explain in detail, the salient features of the proposed Distillery and Captive Power Plant project and its summery EIA report.

- vi. **Sri G.Surnarayana Murthy, General Manager (Engineering), M/s.Ganpati Sugar Industries Limited**, stated that the company has proposed to install 30 KLPD Distillery plant and 2 MW coal-based captive power plant. Accordingly, they have applied to MoEF&CC for obtaining necessary Environmental Clearance. He added that the draft EIA report has been prepared based on the approved Terms of Reference and is subsequently submitted to TSPCB for conducting the Environmental Public Hearing. The proposed unit will generate local surrounding village employment directly and indirectly. The management will undertake corporate social responsibility activities in surrounding villages in tandem with the Government rules in a phased manner. He further informed that there will be no adverse impacts on the environment since the management will take appropriate measures. He then requested their environmental consultant to brief about the environmental issues involved in the project.
- vii. **Sri.Y. Maheshwar Reddy, M/s.Pioneer Enviro Laboratories & Consultants Pvt. Ltd, Hyderabad** presented the technical details as furnished below:
The industry has proposed to produce ENA/Ethanol/Rectified Spirit.

(a) Initially yeast will be mixed with Molasses for Multiplication of Yeast cells through continuous fermentation, Sugar In Molasses will be broken to Alcohol & Carbon Dioxide. Then through distillation rectified spirit will be produced. Ethanol will be produced by Molecular Sieve technology from rectified spirit.

(b) Carbon Dioxide Recovery System (by product).

Carbon dioxide produced during fermentation will be recovered by means of scrubbing arrangement and the recovered CO₂ will be supplied to soft drink manufacturers/medical industrial purposes in cylinders. The Scrubber blow down will be recycled into the fermentation.

(c) Water Environment.

The spent wash will be treated in Bio Digester followed by Multiple effect Evaporators (MEE) followed by Bio-composting. This is a totally zero liquid discharge (ZLD) based technology. This technology is already approved by CPCB for treatment of spent wash.

Condensate & Spent lees will be treated in ETP and will be recycled back into process and as cooling tower make up. Cooling tower blow down, boiler blow down, DM Plant & Softener regeneration will be neutralized and utilized for greenbelt development, ash conditioning and dust suppression.

Hence there will not be any impact on Manjeera River.

(d) EFFLUENT TREATMENT PROCESS

Spent wash generation will be 240 cum/day, which will be treated in Bio digester followed by Multiple effect Evaporators (MEE) followed by Bio-composting.

(e) CONDENSATE & NON PROCESS EFFLUENT

Condensate & non-process effluent will be treated in ETP and will be recycled back into the process and as cooling tower make up. DM Plant & Softener regeneration will be neutralized and utilized for greenbelt development, ash conditioning and dust suppression.

(f) AIR EMISSIONS

There will be one combined stack connected to the 10 TPH boiler in the proposed project. The fuel for the boilers will be Biomass / Coal / Biogas.

The air emissions of concern from the plant will be PM10, SO₂ and NO_x. Bag filters will be provided to bring down the particulate emission in the exhaust of the boiler to less than 50 mg/Nm³. A stack of 38 m height will be provided for effective dispersion of Sulphur dioxide emissions into the atmosphere.

(g) ENVIRONMENTAL MONITORING PROGRAMME

Ambient Air Quality, Stack monitoring & effluent analysis will be carried out regularly as per CPCB norms and the analysis reports will be submitted to MoEF&CC & T.S. Pollution Control Board regularly. Online continuous monitoring station will be installed to the stack.

(h) AIR ENVIRONMENT

The steam required for the proposed project will be met from the Boilers. Bag filters will be provided for the boiler to bring down the particulate matter in the exhaust gases to less than 50 mg/nm³. A combined stack of 38 m height will be provided to the Boilers for effective dispersion of sulphur dioxide emissions into the atmosphere.

(i) NOISE ENVIRONMENT

The major noise source in the proposed plant will be Turbo Generator, Boiler, compressors & DG set. The employees working near the noise generating sources will be provided with earplugs. The extensive greenbelt proposed to be developed around the plant will also help in attenuating the noise levels further. Noise barriers in the form of trees will be grown around the administrative block, ETP and other utility buildings.

(j) GREENBELT DEVELOPMENT

Green belt development will further enhance the environment quality through limitation of air emissions, attenuation of noise levels, balancing Eco environment, prevention of soil erosion and creation of aesthetic environment.

8.5 acres of greenbelt will be developed in the plant premises as per CPCB norms.

- viii. **The District Revenue Officer:** requested the public to elicit their views, suggestions and objections if any on the proposed project. He started inviting the people one after one as per their enrolments.
1. **Sri.G.Janardhan, Village Sarpanch, Choutkur Grampanchayat:** stated that the villagers are welcoming the proposed project and establishment of this type of project will generate employment for the local unemployed youth and bring changes socio economic status of the surrounding villages. He mentioned that the population is around 5500 Nos. He requested before DRO to give preference to local youth only in employment and maintain standard pollution control measures time to time and implement latest technology to maintain zero level pollution from the industry side, we will extend full co-operate to project management to install the project.
 2. **Sri.Ram Reddy, Choutkur Village** expressed happiness for proposed project activity in their village area. Village unemployed people are waiting for employment in pollution free atmosphere and for job opportunities. He stated that the Pollution problems could be avoided by means of effective control measures. There should not be any adverse impact due to the industry. He appealed to the Management to take all mitigating measures.
 3. **Sri.Satyanarayana, Choutkur Village** - He mentioned to control Industrial pollution and sound pollutions for this all measures required by the Industry to be implemented so that the surrounding villages should not face any pollution problems and he welcomed the proposed project. He expressed that the neighbor villagers are not prioritized for employment by the existing distillery plant and mentioned that GSIL has a good name in the public as they are running sugar industry nearby village from last one and half decade and requested the management to give priority for employment to the local villagers and strictly follow the pollution control board NORMS.
 4. **Sri.Peta Raju Choutkur Village** – He requested that all pollution control measures to be implemented by the industry as per norms to avoid any kind

of pollution. While extending employment the preference should be given to the local youth in all the sectors of the employment.

5. **Sri.Rama Goud (Vice-Sarpanch) Choutkur Village** – He also emphasized on control of all types Industrial pollution by initiating control measures by the factory and giving preference for employment to the local village un-employed youth.
6. **Sri.Srinivas Reddy, Choutkur Village** – He requested the management to provide employment to the local youth and maintain a pollution free environment.
7. **Sri.P.Venkat Reddy, Choutkur Villaage** - He informed that everybody in the village welcome the establishment of the distillery plant as it will provide opportunity of employment to the local youth however, they are apprehensive with regard to the pollution, for which the company will implement all control measures.
8. **Sri.Balaiah – Choutkur Village** – He emphasized work should not be hand over to contractors from outside this area, preference in awarding any type of contract or providing the employment preference to local youth.
9. **Sri.D.Mallesham – Posanpally Village** – He well come the establishment of the factory in this area, however, he suggested that at least one person should be employed from each house hold from the village as far as possible and to avoid any type of pollution. He also pointed out that presence of so many police man not required.
10. **Sri.D.Mallesh – Choutkur Village** – He also favored to employment to be given to the local people and keep the area free from industrial pollution.
11. **Sri.G.Srinivas – Choutkur Village** – He talked about village development activities which could be taken by the factory for the welfare of the all villagers and also ask the list of works which is being taken up by the factory for pollution control.

12. **Sri.M.Shivkumar – Uppariguda Village** – He talked on the employment to be provided to the local youth from the surrounding villages and he requested that the priority in employment should be given to surrounding villages.
13. **Sri.Chintala Sailu – Mathru Paryavarna Parirakshana Samithi (NGO), Hyderabad** – He welcomed the establishment of factory in this area and stressed on the need for providing employment to the local youth from the surrounding villages. He also talked about plantation to be developed on 33% of the land to avoid air pollution. He suggested that a water purifier unit like R.O.plant may be installed in the village for the benefit local village people and to organize free medical camps for village people health checkup.
14. **Sri.M.Saidi Reddy – Choutkur Village** – He advised that unit should maintain good relations with surrounding village people and provide employment to the poor people from the surrounding villages. Unit should take up all the social activities which comes under CSR for improvement of the surrounding villages.
15. **Sri.H.Madu Babu – Rural Environment Education and Health Awareness Society – Hyderabad** – He emphasized on plantation of trees around the unit and need for controlling all types of pollution with latest technology available in the market, he also emphasized that employment should be provided to local people from surrounding villages.
16. **Sri.G.Janardhan Reddy, President, Paryavarana Praja Parirakshana Samithi, Hyderabad** - He advised the factory management to strictly follow the Government rules and PCB standards in establishing the Distillery Unit and controlling all types of pollution in the area. He also suggested that preference in employment given to local youth.
17. **Sri.Jeedimetla Ravinder – State President – Haritha Kalamorcha – Hyderabad** – He highlighted the need for the development of the area and to provide employment to people from SC, ST & BC categories from the surrounding villages.

18. Sri.G.Vijay Reddy – President – Rural Education and Agriculture Development Society – He stated that, he is having good experience on environmental issues from past 15 years and has faced over 100 public hearings. He further mentioned that GSIL management had a good name in the local villages. He further suggested that to form a coordination committee with members appointed from the surrounding villages along with the unit representatives for maintain pollution free environment, he also suggested 1/3rd of the area around the unit should be planted with trees, unit should built rain water harvesting pits.

Since no one has turned up to speak the **District Revenue Officer** requested the representative of the industry to present their version on the issues raised by the people.

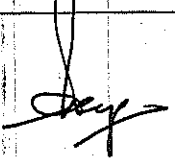
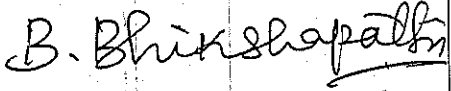
19. Sri.Y.Maheshwar Reddy, M/s.Pioneer Enviro Laboratories & Consultants Pvt. Ltd, Hyderabad assured that:

- The management will give top priority to the local people in job opportunities.
- The dust emissions, as alleged by the people, will be controlled within 40-50 days. He further assured that the industry will not discharge any effluents as it will implement zero liquid discharge (ZLD). After suitable treatment, the company will recycle the water. Hence there will not be any ground water or surface water pollution. They will conduct medical camps so as to ascertain about the alleged ill effects. The CSR funds will be spent in line with guidelines of the government. The management will extend support to provide amenities in the surrounding villages.

ix. **District Revenue Officer** – stated that the people from the surrounding village have expressed their views on the proposed industry. He summarized the proceedings. People views are ranging from air, water pollution, local employment, support, suggestions to CSR funds. He added that the management has given their version on the issues raised by the people. He added that the public hearing proceedings accurately reflecting all the views and concerns are recorded. The minutes will be made available for the public. The proceedings, representations along with the video graph will be

forwarded to MoEF&CC for further course of action. He then concluded the public hearing.

The representations received are annexed.

| Sl.No. | Name of the Panel Member | Signature |
|--------|---|---|
| 1. | Sri.S.Dayanand District Revenue Officer & Addl. District Magistrate, Medak Dist., Sangareddy |  |
| 2. | Sri.B.Bhikshapathi, Environmental Engineer, TS Pollution Control Board, Regional Office, Sangareddy-I |  |