

MINUTES OF ENVIRONMENTAL PUBLIC HEARING IN RESPECT OF M/S. YEDESHWARI AGRO PRODUCTS LTD. (YAPL), AT ANANDGAON (SARNI), POST : JAVALBAN, TQ. KAIJ, DIST: BEED FOR THEIR PROPOSED 45 KLPD MOLASSES BASED DISTILLERY CONDUCTED ON 18/02/2017 AT 12.00 NOON AT THE PROJECT SITE AT ANANDGAON (SARNI), POST : JAVALBAN, TQ. KAIJ, DIST: BEED.

An environmental public hearing in respect of M/s. Yedeshwari Agro Products Ltd. (YAPL), at Anandgaon (Sarni), Post Javalban, Tq. Kaij, Dist: Beed for their proposed **45 KLPD Molasses Based Distillery** in the premises of existing Sugar Factory (3200 TCD) & Co-generation Plant (10 MW) was conducted on 18/02/2017 at 12.00 noon at the project site of M/s. Yedeshwari Agro Products Ltd. (YAPL), at Anandgaon (Sarni), Post Javalban, Tq. Kaij, Dist: Beed.

Following members were present during the public hearing :

1. **Shri C.V. Suryawanshi,**
Additional District Magistrate, Beed,
Dist: Beed. Chairman.
2. **Dr. J.B. Sangewar,**
Regional Officer,
MPCB, Aurangabad. Member.
3. **Shri V.P. Shelke,**
Sub-Regional Officer,
MPCB, Jalna. Convener.

A list of members and public participants present for Public Hearing is annexed herewith. All those present were given welcome by the Convener. Then, **Shri V.P. Shelke**, Sub-Regional Officer, MPCB, Jalna and Convener of Public Hearing Panel with the permission of the Chairman of Public Hearing Panel narrated the procedure to be followed for obtaining Environmental Clearance by explaining the provisions of the MoEFCC, Government of India Notification No. S.O. 1533 dated 14th September, 2006 (as amended) and Summary of the project right from the date of receipt of application resubmitted by the Project Proponent for conducting Public Hearing till fresh notice issued by MPCB in the local newspapers Daily Lokmat Times and Daily Sakal dated 16/01/2017. He stated that as per the said notification, before establishment of some highly polluting industries/projects/expansion projects, etc. require Environmental Clearance from the Central Government/Maharashtra Government and the proposed project of **45 KLPD Molasses Based Distillery** falls under the said Notification, hence it is necessary to conduct the public hearing for the said project. He pointed out that earlier the public hearing was conducted on 15/10/2016 for the said project, however, due to some technical problems, the said public hearing has been cancelled. He further stated that as per office record, they have not received any written complaint, suggestion or objection about the said project till today. However, some suggestions for the proposed project are received through e-mail on

13/02/2017 from **Mr. Sunanda Reddy**, a copy of which is given to the Project Proponent for necessary consideration. Thereafter, **Shri Shelke**, Convener requested the Project Consultant with the permission of the Chairman of Panel to brief the technical presentation of their proposed project.

Thereafter, the Project Consultant, **Dr. Sangram Ghogare** from Equinox Environments (India) Pvt. Ltd. Kolhapur started the power point presentation of the proposed project and stated that M/s. Yedeshwari Agro Products Ltd is a existing sugar factory of 3200 TCD capacity and they have decided to establish a **45 KLPD (45000 Ltrs/day)** capacity of **Molasses Based Distillery Plant** at the existing sugar factory premises for which this public hearing is being conducted. He briefed the details regarding process of conducting the environmental public hearing and stated that it is mandatory on the part of MPCB to bring it to the public notice through local newspapers atleast 30 days before the date of public hearing. He showed the location map of the proposed project site which is located towards South-East direction at a distance of **9.80 km.** from Kaij Tehsil in Beed district and stated that the proposed project will be established in the premises of existing sugar factory where we (the public participants) are gathered for public hearing. He also showed the satellite image of the project site and stated that the proposed distillery plant of **45 KLPD** capacity will be established at the location shown in yellow colour in the said image.

He briefed about the necessity of proposed project and stated that alcohol is having very important place in economic development of the country. Nowadays, the sugar factories instead of depending upon only sugar production, it is necessary for them to take the production of alcohol, co-generation and other by-products, hence, the Project Proponent is going for alcohol manufacturing through Molasses Based Distillery Plant. Alcohol is an important factor in various chemicals, solvents, etc. Government gets revenue by way of excise duty levied by the Government on alcoholic liquor. It is used for blending with petrol and used as a fuel. Likewise, there are various uses of alcohol. Hence, they will manufacture the basic alcohol, i.e. Rectified Spirit in the proposed project.

He stated that the maximum capacity of proposed project is **45000 Ltrs/day**, i.e. **45 KLPD** and it will be established in the premises of existing sugar factory. The project cost of the distillery plant is Rs. **47 Cr.**, i.e about Rs. **50 Cr.** and till date, they have made the investment of about Rs. **90 Cr.** for the existing sugar factory and Co-generation plant. One important thing stated by him is that they have established the sugar factory in a very bad condition and they have taken **3** seasons uptillnow. The lay out and construction of the existing plant is very good and likewise the proposed distillery project will be established at the said location due to which it will be a integrated project and therefore the Project Proponent has decided to establish the said project. He stated that generally the sugar factories are operated for a period of six months, i.e. **180** days and they have planned to operate the distillery plant for a period of **240** days in a year because the period of June, July, August and September is of rainy season and as they will go for composting, the distillery will not be operated in the monsoon.

While briefing about the manufacturing process, **Dr. Ghogare** stated that molasses is the main raw material used for the manufacture of alcohol and it is known that molasses contains sugar. The process involves Molasses → Preparation → Fermentation → Distillation →

Alcohol. Thereafter, the waste generated from the said process is called as Spent Wash, which is hazardous. Hence, the spent wash handling, treatment and disposal is an important aspect in distillery plant. He further showed the table showing the details regarding products, by-products and raw material, i.e. Products – Rectified Spirit (RS), Ethanol, Extra Neutral Alcohol (ENA); By-Product – Impure Spirit, Fusal Oil, Carbon Di-Oxide & Compost and Raw Material – Molasses, Yeast, Turkey Oil and Sulphuric Acid. He stated that during the crushing of sugarcane, generally, there is generation of bagasse, molasses and press mud is as 30%, 4% and 4% respectively. The bagasse generated is give to Co-generation Plant as a fuel and after formation of steam, there is generation of electricity at the said plant. About 2 – 3 MW electricity is used for own use in the factory for various purposes and about 7 - 8 MW of electricity is export to MSEDCL grid. He further stated that molsses generation is related with production. There is value addition, if molasses based distillery plant is established, generally, the alcohol gets the rates of Rs. 35 – 40/- per Ltr. and earn more benefit by manufacturing alcohol from molasses rather than selling only molasses, hence all the sugar factories go for such integrated distillery project.

He again briefed the manufacturing process of alcohol and stated that molasses is diluted by adding 2.5 to 3 times of water and after mixing yeast, fermentation is done, then, after a period of about 32 to 40 hours, the alcohol is prepared from sugar. This alcohol from fermentation section is sent to distillation section in the high tower and after distillation process, when alcohol is converted to liquid stage, it is sent to storage section.

He stated that during the above process, there is generation of waste, i.e. spent wash which is of red/tea coloured. If it is used by giving proper treatment, it can be important support for the farming, otherwise if it is discharged as it is, it can pollute ground water, land, etc. He stated that biomethanation will be provided for the treatment of spent wash in the proposed project. Being they are farmers, he gave the example of Gobar Gas Plant that the gobar gas used in kitchen, likewise they have proposed to provide big capacity of biogas plant where spent wash is sent and the biogas generated from biomethanation plant having the best quality which is used for the boiler, which is a clean/green fuel due to which pollution will be reduced and there will be no generation of ash. Further, after digestion, the hazardous/polluting concentration of spent wash reduces by about 90%, but its volume will not reduce. Then it will be passed through Multiple Effect Evaporator (MEE) where its volume will be reduced by 40%, means, the volume of 100 Ltrs. of spent wash will be reduced upto 60 Ltrs. Thereafter, the 40% of spent wash will be turned into steam and then into water and after that the said water will be cooled and recycled in the process. This is very important aspect because every industry requires water. Now, it is okay, but in the last year in the month of May, water was not available as there was no rain in the area and people were facing water scarcity problems. But, now the dam is full with water and there is no need to worry for water for further period of about 4 to 5 years. Although, either there may be sugar factory or distillery, the water shall be saved. He stated that they will save about 52-55% of water, which is the important aspect of the said project.

He further briefed about the bio-composting and stated that the spent wash generated from the process will be used for bio-composting. Also, the CREP guidelines will be followed. The press mud generated from their sugar factory @ 4% will be mixed with ash and spent wash and then culture will be spread on the said mixture and after a period of 8 weeks, the best quality

of compost will be produced which will be useful for the sugarcane crops. He gave his own example that by using compost for his sugarcane crop, he received about **30%** more yield in the second season and since then he uses the compost in his farm.

While briefing about the water consumption and effluent generation in respect of proposed distillery plant, he stated that about **50%** water will be obtained from existing factory, which is an important impact and the details regarding requirement of remaining water for various purposes like process, cooling, lab washing, etc. are shown in the table. He pointed out that the Government of India and Maharashtra Pollution Control Board have specified certain norms that generation of spent wash shall be **8 Ltrs./1 Ltr. of Alcohol** and there is no any permission to the distillery plant to generate the spent wash more than **8 Ltrs./1 Ltr. of Alcohol**. However, there will be generation of only **4.5 Ltrs. of spent wash per Ltr. of alcohol** in the proposed project, i.e. there will be reduction in spent wash generation by **50%** and it is possible as the industry is new and technology is available. He further stated that the Government of India has directed to use **10 Ltrs. of fresh water for the manufacture of 1 Ltr. of Alcohol**, but they will use only **4.5 Ltrs. of water for the manufacture of 1 Ltr. of Alcohol**, means there will also be saving of **50%** of fresh water, i.e. water consumption as well as effluent generation will be reduced, which is one of the important points for the distillery project.

He further pointed that the existing sugar factory is operated since last three years and when he visited the said industry at the first time, he observed that the said industry is only one industry which uses **100%** condensate water for various purposes like agriculture, etc. and no fresh water is taken. The impact of this stated by him is that the effluent treatment plant provided by the industry is very good, but it operates under its capacity.

He showed the slides regarding water polluting sources and treatment facility (C.P.U.) for the distillery plant and stated that the quality of final treated effluent will be as per the MPCB norms.

While briefing about the pollution sources, **Dr. Ghogare** stated that if any industry is established, it causes air pollution, solid waste pollution, noise pollution, etc.

Air Pollution : He stated that they have proposed to provide a boiler of **8 TPH** capacity in the proposed distillery plant. The fuel used for the said boiler will be biogas due to which there will be emission of SO_2 and for proper dispersion of SO_2 into the atmosphere, a stack of 45 meter height will be provided. Another boiler provided at Co-generation Plant is of **70TPH** capacity and said boiler is provided with wet scrubber and stack of **70 mtrs.** as air pollution control devices. The other sources of air pollution like D.G. Set, etc. are provided with necessary air pollution control devices as per the norms. As far as biogas from biomethanation is concerned, he stated that it is a clean fuel which will be used for boiler and likewise he briefed about the care to be taken for the control of air pollution.

Solid Waste : He stated that the solid waste generation from the proposed distillery plant and existing sugar factory is yeast, press mud, ash and it will be used for biocomposting and after preparation of compost, it will be used as manure in the agriculture land, no any type of waste

will be discharged outside the factory premises. In short, he stated that whatever they take from the land through sugarcane, it returns to the land through conversion.

While briefing about the Disaster Management Plan, he stated that earlier any consultant was preparing the report (EIA), but now, the situation is not remained as it is. The officials from Ministry of Environment & Forests, Government of India inspect the laboratory, facility, experts, etc. of the consultant and then issue necessary Authorization. He stated that he is proud that his consulting agency/organization is having 5th rank in the country. He further stated that while working in such a system, the details regarding Disaster Management Plan are included in the EIA report like preventive measures to be taken whenever there will be any accident, what type of Ethanol/Alcohol storage tank shall be there, how many distance shall be there in two tanks. He stated that the fire took place in alcohol tank can not be stopped with the help of water and there is another system for stopping such fire and all such details are mentioned in the Risk Assessment & Disaster Management Plan. Likewise, he stated that what care shall be taken for the sugar factory, Co-generation Plant and Distillery Plant is mentioned in the EIA report and it is also mentioned that they have carried out study in such a way that the said project shall be **100% safe**.

Dr. Ghogare stated that the socio-economic development is one important aspect. While operating the industry, they will get profit, money, etc. but what shall be done for the development of the area and planning is to be done in future on the similar line of that whatever is done uptillnow is mentioned in the report. He stated that now water is available on a large scale, however they have made the provision of Rs. **16.00** Lakh towards providing water storage tanks in the nearby villages under the water supply scheme, Rs. **70.00** Lakh towards rain water harvesting and forestry in the nearby villages, Rs. **50.00** Lakh towards drip irrigation scheme and its awareness in the surrounding area, Rs. **25.00** Lakh towards providing various equipments, lamps, etc. based on solar energy in nearby **5** villages considering the difficulties due to load shading, Rs. **50.00** Lakh towards sugarcane seeds, soil conservation with R & D so as to increase the production capacity per acre under the Sugarcane Species Development Scheme so as to develop the living standards of farmers in the area, Rs. **15.00** Lakh towards 'Save Girl Abhiyan', 'Swachha Bharat Abhiyan', etc. under the Participation in Government Programme, Rs. **104.00** Lakh towards rural cleanliness and basic infrastructure awareness programme, etc. Likewise, they will expend about Rs. **330.00** Lakh during the period of **5** years towards above activities. He stated that as per the requirement, they have to expend about **5%** amount of the total capital investment, however, he assured that will expend about **8 to 9%** amount during further **5** years period.

While briefing about the Green Belt Development, he stated that it is necessary to develop **33%** of green belt as per the norms, but they have planned to develop **22%** of green belt in phase-wise manner taking into consideration the quality of land, plant species, availability of water, etc. He stated that **500** Nos. of trees are planted at present and planned to plant **1275** Nos. of trees in the coming rainy season. He also stated that trees of various species having broad leaves, tall which control dust, noise pollution will be planted at road side, in empty places, etc. and the design for the same is included in the EIA report and as soon as they receive the Environmental Clearance, they will take the tree plantation programme in hand before the rainy season. He showed the photographs of the trees planted in the factory premises.

He further briefed about the Rain Water Harvesting and stated that rain fall in the season is very good, rain will also good in future and they will adopt the concept of '*Pani Adva Pani Jirwa*'. He stated that they will generate about **23** million litres of water through Roof Top Rain Water Harvesting due to which it will fulfill the need of one village for a period of about three months. He also stated that if the said water is used for ground water recharge, there will be good impact on the ground water table and this is ambitious project which will be taken in hand in summer season.

While briefing about the costing of the said project, he stated that after establishment of the project, they have to submit a report at every six months to the Government. He showed a table showing the details regarding capital as well as operation and maintenance cost which includes air pollution control, spent wash treatment, solid waste, hazardous waste, noise pollution, environmental monitoring, occupational health & safety, green belt development, rain water harvesting, etc. He stated that to take care of environment, they have made the provision of about Rs. **22.00** Crs. towards environmental management. He stated that they will provide the best technology and produce the best quality of compost. He stated that the MPCB officials will collect the samples of air, water, etc. from the said project at every month during the season and after analysis, the results will be displayed on the website as it is compulsory.

He further briefed about the environmental impact assessment study and stated that they used satellite images for the study of project area. He also stated that their team visited various villages, Agriculture Department, etc. in the project area and collected the information, discussed with the people for their problems and expectations. He stated that the details regarding types of birds, species of trees, air quality, water quality, noise level, biodiversity, etc. in the study area are included in the report. He stated that they are having the software costing Rs. **72.00** Lakh by using which they have prepared the report. He stated that they have carried out the study regarding ecology, biology in the study area in Summer season. He stated that it is a very deep (*sakhol*) study, they have to give the data of **3** months and for this their **17** experts work. In this way, the Project Consultant concluded the technical presentation of the proposed project and requested the public participants that if anybody is having any doubt, same may be asked which will be replied (*samadhan*).

Dr. J.B. Sangewar, Regional Officer, MPCB, Aurangabad & Panel Member asked about the compost, before that **Shri V.P. Shelke**, Sub-Regional Officer, MPCB, Jalna & Convener of Public Hearing requested the public participants that if anybody is having any complaint, doubt, suggestion, etc. related with environment only about the proposed project, they may ask the same by telling their name and address. During the course of public hearing, the panel members and public participants raised certain questions related to the said project and same were answered by the Project Consultant, which are as below :

1. **Shri Dnyanoba Sonawane**, a resident of nearby village Anandgaon (Sarni), Tq. Kaij, Dist: Beed asked whether there will be any effect on the health of citizens due to the distillery project. **Dr. Ghogare** clarified that air, water, etc. are the reasons for affecting the health, but as reported earlier by him, it is not necessary to feel fear or doubt about the effect on health due to said project because water

will not be discharged outside the factory premises and there will be no air pollution due to the said project. Hence, there will be no any adverse effect on the health.

2. **Shri Balasaheb Sopan Kokate**, a resident of nearby village Sonijawala, Tq. Kaij, Dist: Beed asked whether some social activities will be undertaken by the distillery project. **Dr. Ghogare** reported that under the social activities, they will provide water supply schemes, rain water harvesting, etc. in the surrounding villages for which they have reserved about Rs. **330.00** Lakh, which is a minimum amount, however, they will expend more than Rs. **330.00** Lakh for the social development.
3. **Shri Taranchand Gaikwad**, a resident of nearby village Anandgaon, Tq. Kaij, Dist: Beed asked about the supply of raw material for the distillery project. **Dr. Ghogare** replied that about **40%** of molasses will be taken from their own sugar factory and **60%** molasses will be purchased from outside from the surrounding sugar factories.
4. **Shri Ganesh Sonawane**, a resident of nearby village Sarni, Tq. Kaij, Dist: Beed wanted to know about employment opportunity to be given to the local youths in the said project. **Dr. Ghogare** reported about **60 to 80** persons will be employed in the said project out of which **80%** people will be employed from local area. He pointed out that the issue regarding development of the area and economy of farmers is discussed with the Chairman of the said project and therefore **80%** local people will be employed in the said project.
5. **Shri Shriram Devidas Sonawane**, a resident of nearby village Sarni, Tq. Kaij, Dist: Beed wanted to know about the per day generation of spent wash from the said project and its use. **Dr. Ghogare** reported that **200 CMD** means **200000** Ltrs./day of spent wash will be generated from the said project, i.e. the spent wash generation will be as **4.5 KL/KL** of alcohol, which looks like liquid tea and after composting, the water is separated and solid compost is prepared. He stated that this is the treatment of spent wash, however, he will brief in detail about composting at last. The spent wash is totally converted into compost and it can be transported through bullock-cart, it is converted from liquid stage to solid state. Hence, the spent wash to be generated to the tune of about **200 CMD** will be used totally for composting.
6. **Shri Ashok Bobade**, a resident of nearby village Bobadewadi, Tq. Kaij, Dist: Beed asked about the use of molasses (raw material). **Dr. Ghogare** clarified that the other raw material other than molasses required is yeast culture, urea as a source of Nitrogen, etc., but mostly molasses is required for the distillery project, i.e. in the **100%** raw material, **99%** molasses is used as a raw material and **1%** other raw material is used in the molasses based distillery project and he again showed the slide showing the details of requirement of raw material.

7. **Shri Sasane Vikas Harichandra**, a resident of nearby village Sonijawala, Tq. Kaij, Dist: Beed asked about the period of operating the distillery project. **Dr. Ghogare** replied that the distillery will not be operated for **4** months during the rainy season as composting will not be done, hence distillery will be operated for **8** months, i.e. **240** days excluding the period of rainy season.
8. **Shri Sonawane Chandrakant**, a resident of nearby village Sarni Anandgaon, Tq. Kaij, Dist: Beed wanted to know about the alcohol storage capacity. **Dr. Ghogare** reported that the alcohol production from the said project will be **45000** Ltrs/per day and as per the rules of Excise Department, Government of Maharashtra, the alcohol can be stored for a period of one month or one month & a week. The alcohol storage tanks are required to be provided with protected dyke wall and other required arrangements.
9. **Shri Sonawane**, a resident of nearby village Sarni Anandgaon, Tq. Kaij, Dist: Beed asked about the planning to be done for the safety of workers in the distillery project. **Dr. Ghogare** reported that health and safety is an important subject for the workers working any project. The workers working in the distillery project near boiler, turbine are provided with ear plug and other personal protective equipments like hand gloves, goggles, aprons, shoes, etc.
10. **Shri Mukund Sukhdeo Gaikwad**, a resident of nearby village Sonijawala, Tq. Kaij, Dist: Beed asked about the requirement of water for the distillery project and source of water. **Dr. Ghogare** reported that **3** times of water is required for dilution of molasses, i.e. **1** Ltr. of molasses requires **3** Ltr. of water for its dilution, total water required will be **442** CMD, out of which **50%** of water will be taken through recycling and remaining water will be taken from the river Manjra for which they have already obtained necessary permission.
11. **Shri Sunanda Reddy**, the Environmentalist gave his best wishes and said that he supports to the management of M/s. Yedeshwari Agro Products Ltd. He stated that the Project Consultant has already conducted baseline survey of air, water, land which is very good. He further read his written suggestions which include collection of data of the health status of the people, crop, production, ground water availability status within **10** km. radius of the project which will be very useful in future and be utilized as a parameter to take precautionary measures to maintain the ecological balance, taking up rain water harvesting programme, increasing plantation upto **40** to **50%** and to plant fruit bearing plants, which will be useful for the local people and to promote skill development training to the unemployed youth, etc. He once again gave his best wishes to the proposed project. A copy of his suggestions received through e-mail is enclosed herewith as an **Annexure-A**. **Dr. Ghogare** reported that almost all the points raised by **Shri Reddy** are covered in the presentation, but, the point regarding health status of the people within **10** km. radius is not covered in the report because it was not included in the TOR, however, it is a good suggestion and it will be considered

while preparing the compliance report and then it will be submitted to the Government.

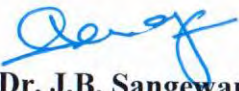



As far as the details asked by **Dr. Sangewar** earlier regarding composting, **Dr. Ghogare** reported that that all of us are farmers. Whatever the technologies are available uptill now for the treatment of spent wash generated from distillery plants, the composting is the best treatment facility and he has completed his Ph.D. on composting. He stated that crop production increases on a small scale due to use of chemical fertilizers, etc. but it is not suitable/ He briefed the process of composting and stated that 1 part of press mud from sugar factory is taken at windrows where 2.5 times of spent wash spread on press mud and mixed together and then compost is prepared after a period of 8 weeks, which contains about 70 to 75% of organic matters, NPK, i.e. Nitrogen, Phosphate, etc. is good, He stated that they use the compost in solid state @ 4 tons per acre in the sugarcane field in Western Maharashtra, but here it can be used @ 2.5 to 3 Tons per acre depending upon the quality of agriculture land. The compost contains Moisture – 35%, Nitrogen – 3%, Phosphorus – 1%, etc. He further stated that he earned good money due to proper bagging of compost in the past. Hence, he stated that after some period, the Chairman of the Project can get more money from the compost than alcohol

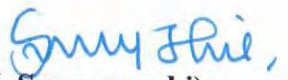

12. **Shri H. Madhubabu**, Environmental Volunteer suggested that it is necessary to carry more and more plantation, to arrange water harvesting tanks so as to save the water, to give employment to the local people, to provide drinking water supply and to make development in the nearby villages like road construction, etc. under the Social Development Programme.

Shri C.V. Suryawanshi, the Chairman of Public Hearing Panel & the Additional District Magistrate, Beed, Dist: Beed stated that the Technical Consultant of the said project has given the presentation with respect to the future benefits, development due to the proposed project as well as care to be taken for the environment by the group of M/s. Yedeshwari Agro Products Ltd. He further stated that in this context, the questions asked by the public participants are resolved. Hence, a detail report including the minutes of Public Hearing will be submitted to the Environment Department for necessary action and then he concluded the Public Hearing by giving vote of thanks to the public participants

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


(**Dr. J.B. Sangewar**)
Member.


(**V.P. Shelke**)
Convener.


(**C.V. Suryawanshi**)
Chairman.


Public Hearing Conducted w.r.t. Proposed 45 KLPD Molasses Based Distillery
By Yedeshwari Agro Produces Ltd.,At Aanandgaon (Sarni), Post.: Jawalban , Tal.: Kaij , Dist.: Beed Maharashtra.



7.1. PUBLIC CONSULTATION

As per EIA notification 14th September 2006 and ToR issued by Expert Appraisal Committee (EAC) Ministry of Environment, Forest and Climate Change (MoEFCC), New Delhi *Letter No. J-11011/175/2015-IA II (I)* dated 13th October 2015, **Yedeshwari Agro Products Ltd. (YAPL)**, Anandgaon (Sarni) Post.: Jawalban Tal.: Kaij Dist.: Beed Maharashtra has conducted public hearing on 18.02.2017 for proposed 45 KLPD molasses based distillery in the premises of existing 3200 TCD sugar factory & 10 MW co-gen plant.

7.1.1 Details of Public Hearing

Date of Public Hearing : 18.02.2017
 Place of Hearing : **Yedeshwari Agro Products Ltd. (YAPL)**,
 Anandgaon (Sarni) Post.: Jawalban Tal.: Kaij Dist.: Beed
 Maharashtra.
 Advertisement given : 16.01.2017
 News Paper : Daily Sakali (Marathi),
 Daily Lokamat times (English)
 Copies of news enclosed at **Appendix R**

Members Present :

- | | | |
|---|--|----------|
| 1 | Mr. C. V. Suryawanshi
Additional District Magistrate, Beed
Dist.: Beed | Chairman |
| 2 | Dr. J. B. Sangewar
Regional Officer (RO), MPCB, Aurangabad | Member |
| 3 | Mr. V. P. Shelke
Sub Regional Officer (SRO), MPCB, Jalna | Convener |

7.1.2 Minutes of Public Hearing

Sr. No.	Issues Raised	Response Given / Received	Action Plan
1.	Shri Dnyanoba Sonawane, Anandgaon (Sarni), Tal.: Kaij, Dist.: Beed asked whether there will be any effect on the health of citizens due to the distillery project.	Project consultant clarified that air, water, etc. are the reasons for affecting the health, but as reported earlier by him, it is not necessary to feel fear or doubt about the effect on health due to said project because water will not be discharged outside the factory premises and there will be no air pollution due to the said project. Hence, there will be no any adverse effect on the health.	--
2.	Shri Balasaheb Sopan Kokate, Sonijawala, Tal.: Kaij, Dist.: Beed asked whether some social activities will be undertaken by the distillery project.	Technical consultant reported that under the social activities, they will provide water supply schemes, rain water harvesting, etc. in the surrounding villages for which they	CSR plan prepared for next five years is enclosed at Chapter 6, Table 6.5

ADDITIONAL STUDIES...7

Sr. No.	Issues Raised	Response Given / Received	Action Plan
		have reserved about Rs.330 Lakhs, which is a minimum amount, however, they will spend more than Rs.330 Lakhs for the social development.	
3.	Shri Tarachand Gaikwad, Anandgaon, Tal.: Kaij, Dist.: Beed asked about the supply of raw material for the distillery project.	Consultant replied that about 40% of molasses will be taken from their own sugar factory and 60% molasses will be purchased from outside from the surrounding sugar factories.	Quantity of raw material for YAPL complex & its source is presented at chapter-2, table 2.9.
4.	Shri Ganesh Sonawane, Sarni, Tal.: Kaij, Dist.: Beed wanted to know about employment opportunity to be given to the local youth in the said project.	Company consultant reported about 60 to 80 persons will be employed in the said project out of which 80% people will be employed from local area. He pointed out that the issue regarding development of the area and economy of farmers is discussed with the Chairman of the said project and therefore 80% local people will be employed in the said project.	Details of manpower requirement for proposed distillery is presented at chapter-2, table 2.1.
5.	Shri Shriram Devidas Sonawane, Sarni, Tal.: Kaij, Dist.: Beed wanted to know about the per day generation of spent wash from the said project and its use.	Technical consultant reported that 200 CMD means 2,00,000 L/day of spent wash will be generated from the said project, i.e. the spent wash generation will be as 4.5KL/KL of alcohol, which looks like liquid tea and after composting, the water is separated and solid compost is prepared. He stated that this is the treatment of spent wash, however, he will brief in detail about composting at last. The spent wash is totally converted into compost and it can be transported through bullock-cart, it is converted from liquid stage to solid state. Hence, the spent wash to be generated to the tune of about 200 CMD will be used totally for composting	Details of spentwash generated from proposed distillery & its use is presented at chapter-2, section 2.7.1.2
6.	Shri Ashok Bobade, Bobadewadi, Tal.: Kaij, Dist.: Beed asked about the use of molasses (raw material).	Company consultant clarified that the other raw material other than molasses required is yeast culture, urea as a source of Nitrogen, etc., but mostly molasses is required for the distillery project, i.e. in the 100% raw material, 99% molasses is used as a raw material and 1%	--

ADDITIONAL STUDIES...7

Sr. No.	Issues Raised	Response Given / Received	Action Plan
		other raw material is used in the molasses based distillery project & he again showed the slide showing the details of requirement of raw material.	
7.	Shri Sasane Vikas Harichandra, Sonijawala, Tal.: Kaij, Dist: Beed asked about the period of operating the distillery project.	Consultant replied that the distillery will not be operated for 4 months during the rainy season as composting will not be done, hence distillery will be operated for 8 months, i.e. 240 days excluding the period of rainy season.	Details of days of operation are presented at chapter-2, table 2.4.
8.	Shri Sonawane Chandrakant, Sarni Anandgaon, Tal.:Kaij, Dist.: Beed wanted to know about the alcohol storage capacity	Company consultant reported that the alcohol production from the said project will be 45,000 L/day and as per the rules of Excise Department, Government of Maharashtra, the alcohol can be stored for a period of one month or one month & a week. The alcohol storage tanks are required to be provided with protected dyke wall and other required arrangements.	--
9.	Shri Sonawane, Sarni Anandgaon, Tal.: Kaij, Dist.: Beed asked about the planning to be done for the safety of workers in the distillery project.	Technical consultant reported that health and safety is an important subject for the workers working any project. The workers working in the distillery project near boiler, turbine are provided with ear plug and other personal protective equipments like hand gloves, goggles, aprons, shoes, etc	Refer Chapter 7 for more details.
10.	Shri Mukund Sukhdeo Gaikwad, Sonijawala, Tal.: Kaij, Dist.: Beed asked about the requirement of water for the distillery project and source of water.	Company consultant reported that 3 times of water is required for dilution of molasses, i.e. 1 Ltr. of molasses requires 3 Ltr. of water for its dilution, total water required will be 442 CMD, out of which 50 % of water will be taken through recycling and remaining water will be taken from the river Manjra for which they have already obtained necessary permission.	Details of water required for proposed distillery & source of fresh water to be taken is presented at Chapter-2, section 2.7.1.
11.	Shri Sunanda Reddy, the Environmentalist gave his best wishes and said that he supports to the management of M/s. Yedeshwari Agro Products Ltd. He stated that the Project Consultant has already conducted	Consultant reported that almost all the points raised by Shri Reddy are covered in the presentation, but the point regarding health status of the people within 10 Km radius is not covered in the report because it was not included in the TOR, however,	--

ADDITIONAL STUDIES...7

Sr. No.	Issues Raised	Response Given / Received	Action Plan
	<p>baseline survey of air, water, land which is very good. He further read his written suggestions which include collection of data of the health status of the people, crop, production, ground water availability status within 10 Km. radius of the project which will be very useful in future and be utilized as a parameter to take precautionary measures to maintain the ecological balance, taking up rain water harvesting program, increasing plantation upto 40 to 50% and to plant fruit bearing plants, which will be useful for the local people and to promote skill development training to the unemployed youth, etc. He once again gave his best wishes to the proposed project.</p>	<p>it is a good suggestion and it will be considered while preparing the compliance report and then it will be submitted to the Government.</p> <p>A copy of his suggestions received through e-mail is enclosed herewith as an Annexure 1</p>	
12.	<p>Shri H. Madhubabu, Environmental Volunteer suggested that it is necessary to carry more and more plantation, to arrange water harvesting tanks so as to save the water, to give employment to the local people, to provide drinking water supply and to make development in the nearby villages like road construction, etc. under the Social Development Program.</p>	--	--