

Minutes of Environmental Public Hearing

MINUTES OF THE PUBLIC HEARING FOR PROPOSED 45 KLPD, MOLASSES BASED DISTILLERY, OF M/S. MATOSHRI LAXMI SUGAR & COGENERATION INDUSTRIES LTD. (MLSCIL), SATLING NAGAR, AT: RUDDHEWADI, POST: DUDHANI, TAL: AKKALKOT, DIST: SOLAPUR, IN THE EXSITNG UNIT OF M/S. MATOSHRI LAXMI SUGAR & COGENERATION INDUSTRIES LTD., SATLING NAGAR, AT: RUDDHEWADI, POST:DUDHANI, TAL: AKKALKOT, DIST:SOLAPUR, MAHARASHTRA.

The public hearing for proposed 45 KLPD Molasses Based Distillery in the existing unit of M/s Matoshri Laxmi Sugar & Cogeneration Industries Ltd. (MISCIL), Satling Nagar, At: Ruddhewadi, Post: Dudhani, Tal: Akkalkot, Dist: Solapur, Maharashtra was conducted on 25th May, 2018 at 03.00 pm, on the site of the said industry.

Following were the panel members as per Board's Office Order No. E-40 of 2018 under letter no. BO/JD(WPC)/PH/B-1964 Dated 22/05/2018.

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| 1) Shri. Kishor Pawar,
Add. District Magistrate, Solapur
(Representative of District Magistrate,
Solapur) | - | Chairman |
| 2) Shri. J.S. Salunkhe,
I/c. Regional Officer,
MPCB, Pune
(Representative of MPCB, Mumbai) | - | Member |
| 3) Shri N. S. Awatade,
I/c. Sub Regional Officer,
MPCB, Solapur. | - | Convener |

Shri. Awatade, Convener of the Public Hearing Committee welcomed Hon'ble Chairman of the public hearing committee, company officials and public who were present in large number and informed that as per the EIA Notification of Ministry of Environment, Forest & Climate Change, Govt. of India, (i.e. MoEFCC, GoI) dated 14th September, 2006 as amended on 1st

December, 2009, it is mandatory to conduct prior public consultation to certain projects which are covered in the Schedule of the said Notification. The Sub Regional Office, MPCB, Solapur was in receipt of application of M/s Matoshri Laxmi Sugar & Cogeneration Industries Ltd. (MISCIL), Satling Nagar, At: Ruddhewadi, Post: Dudhani, Tal: Akkalkot, Dist: Solapur, for their proposed 45 KLPD, Molasses Based Distillery, in the existing unit premises only.

Convener of the meeting further informed that the aim of conducting public consultation is to make aware, local people who can be participant in the process and they should know the developmental activities and environment management plan of the unit. The project proponent had submitted prescribed application along with pre-feasibility report to the 13th Expert Appraisal Committee (Industry-2) Meeting held during 26th-27th September, 2016 for preparation of EIA/EMP report. The Committee prescribed certain additional TOR along with standard TOR. As per said Notification, 30 days advance public notice was published in the local newspapers in Daily Sanchar and Daily Lokmat in Marathi and English language on 24th April, 2018.

He informed that a copy of EIA report and executive summery were made available at various offices of government i.e. Ministry of Environment, Forest & Climate Change, Western Zone Office, Nagpur; District Magistrate Office, Solapur; Chief Executive Officer, Zilla Parishad, Solapur; District Industries Centre, Solapur; Tahasildar, Tahasil Office-Akkalkot, Dist, Solapur; Block Development Officer, Panchayat Samittee, Akkalkot, Tal:Akkalkot Dist:Solapur, Grampanchayat offices, Ruddhewadi Nimbali, Chincholi (M), Sangogi (B), Boblad, Dudhani, Mugali, Tal- Akkalkot, Dist- Solapur, Sub Regional Office, MPCB, Solapur; Regional Office, MPCB, Pune; Head Office of MPCB at Mumbai, Environment Department, Govt. of Maharashtra, Mumbai and on the website of MPCB. The public in general were appealed to send any objection / suggestion regarding the above project. The Convener further informed that not a single objection is received by Sub Regional Office,

MPCB, Solapur against the project. He appealed Chairman of the Committee to allow starting the proceedings.

Shri Kishor Pawar, Chairman of Committee welcomed all and informed officials of the project proponent to explain the details of pollution control devices and environment management plan of the project in local language Marathi. He also appealed general public to give objection / suggestion if any about the project after their technical presentation.

The Environment Consultant appointed by the company has given the presentation of the expansion project and Environment Management Plan in detail.

The Public Hearing Committee appealed general public to raise any objection or give suggestion regarding the proposed expansion of the project.

Details of Questions & Queries raised by the public and answers given by Environment Consultant of the Project Proponent are summarized as below:-

- 1) Shri Ramkrushna Karnakoti, R/o: Sangolgi** asked a question about details of storage of alcohol.

Ans: Sulakshna Ayarekar answered that under proposed distillery there will be provision of storage tanks for alcohol. There under, receiving tanks of 50 M³ (9 Nos.), 10 M³ (3 Nos.) and bulk storage of 800 M³ (3 Nos.) and 200 M³ (2 Nos.) will be provided. The material of construction used for tanks would be Mild Steel. Depending upon the daily production of alcohol, the capacity of the tanks has been decided.

- 2) Shri Sachin Bharate, R/o: Akkalkot** asked a question about generation of types of pollutions from the proposed project.

Ans: The Consultant with the help of Power Point presentation slide explained all the types of environmental aspects of pollution viz. air, water, solid waste, hazardous waste, odour, noise pollution alongwith its control measures. Here it was informed that the effluent generation from proposed distillery would be in the form of spentwash, spentlees and other effluents. The spentwash will be treated in biomethanation plant followed by

concentration in MEE followed by biocomposting whereas other effluents like cooling blowdown, spentlees etc. will be treated in proposed distillery CPU. It was told that the entire quantity of the spent wash shall be totally consumed in the bio-composting operations thereby resulting into Zero Liquid Discharge (ZLD). The compost, in turn, can be applied to farms as manure.

As such, no any major concern of air pollution is expected as no new boiler will be installed under proposed project. Also, plantation of trees, provision of Personal Protective Equipments for noise attenuation measures and good housekeeping, adequate storage, handling and disposal of spentwash, press mud and yeast sludge will prevent noise pollution and odour nuisance. Further, it was informed that as far as solid waste and hazardous waste is concerned, solid waste like yeast sludge & ETP sludge would be used in composting whereas hazardous waste in the form of spent oil will be burnt in cogen boiler with bagasse. Hence, there shall be no any major impact of pollution due to proposed distillery.

- 3) **Shri Shankar Siddharam, R/o: Dudhani** asked about how much amount of alcohol will be generated daily?

Ans: Sulakshna Ayarekar answered that under proposed distillery, 45 KL per day alcohol would be generated.

- 4) **Imam Sayyad, R/o: Akkalkot** asked that which social activities would be carried out by Project Proponent under proposed project.

Ans: Shri Shivraj Mhetre; MD of MLSCIL explained that about Rs. 4.51 Cr. (6.6 % of Capital Investment – 68.50 Cr.) has been earmarked for CSR activities. Activities to be undertaken under CSR have been considered based on SE survey conducted in the study area. The activities under CSR would be (1) Drip Irrigation system for water conservation (Rs. 2 Cr.), (2) Provision of safe drinking water supply infrastructure (Rs. 0.5 Cr.), (3) Rural Sanitation (Rs. 0.40 Cr.), (4) Provision of Primary Health Center and Ambulance (Rs. 0.50 Cr.), (5) Promotion of non-conventional energy and energy conservation by providing street lights and solar lamps in study area (Rs. 0.65 Cr.), (6) Plantation in nearby villages contributing Mission of

Maharashtra State Government (Rs. 0.36 Cr.) and (7) Cane Trash Management and Awareness Programs (Rs. 0.10 Cr.). These activities will be implemented in the villages of study area.

5) Shri Yalappa Jadhav, R/o: Solapur asked what are the uses of alcohol?

Ans: The consultant explained that alcohol is an important Source of Revenue to Govt. through Excise Duty. In addition to this, alcohol has number of applications like (1) Blending with petroleum fuels, (2) In pharmaceutical industry as Solvent (3) In manufacturing of various synthetic chemicals, (4) Used in perfumes, cosmetics and vegetable essences and (5) In manufacture of IMFL & Country Liquors.

6) Shri Mahadev Gayakwad, R/o: Dudhani asked that how the effluent will be treated?

Ans: Sulakshna Ayarekar explained that effluent generated from proposed 45 KLPD distillery plant shall comprise of raw spentwash to the tune of 335 KL, spent lees to the tune of 90 KL and other effluents viz. cooling blow downs, lab and washing to the tune of 10 KL. Raw spentwash shall be treated in bio-methanation plant followed by concentration in Multiple Effect Evaporator (MEE). The concentrated spentwash to the tune of 200 CMD (@ 4.4 KL/KL of Alcohol) shall be forwarded for bio-composting with filler material such as press mud, boiler ash and yeast sludge. MEE condensate (130 CMD), spent lees (90 CMD), cooling blow down (5) Lab & Washing (5 CMD) shall be treated in proposed distillery CPU and recycled back in process for dilution of molasses and other process. Further, effluent from existing sugar factory and co-gen plant to the tune of 200 M³/Day is being treated in full fledge sugar factory Effluent Treatment Plant (ETP) provided on site.

Quantity of domestic effluent from distillery shall be to the tune of 4.5 M³/Day while that from sugar factory and co-gen plant will be 23.5 M³/Day. Total domestic effluent to the tune of 28 M³/Day will be treated separately in proposed Sewage Treatment Plant (STP) to be provided on site. Presently domestic effluent from sugar and cogen unit is treated in septic tank followed by soak pits.

7) Shri Sudhir Kumbhar, R/o: Ruddhewadi asked whether regular monitoring w.r.t. air, noise, effluent will be done by MPCB?

Ans: Sulakshna Ayarekar in replying this question informed that regular monitoring will be done in respect of air, noise, effluent by MPCB as well as the same will be monitored by Regional Office. Moreover, self monitoring will also be done by MoEFCC and NABL approved Laboratory.

8) Shri Parmeshwar Bapat, R/o: Ruddhewadi raised a question about employment generation wherein he wanted to know as to whether the proposed project shall generate any opportunities for new employment.

Ans: Shri Shivraj Mhetre while replying this question brought to kind attention of the public that activities under proposed distillery project would improve the socio-economic status of people in the study area in terms of local labour employment and contract basis jobs. The proposed activity could provide employment opportunities to the skilled and semi-skilled local populace, especially in small scale business and other related services. She also informed that the MLSCIL project complex through various activities therein namely sugar factory, cogen plant have already given jobs – both primary and secondary – to 450 people. About, 70 nos. of local persons would be employed under proposed distillery. The Consultant requested the public to develop necessary skills so that they could get priority in job appointments of MLSCIL.

9) Shri Shrikant Mhetre, R/o: Dudhani enquired about the details of pollution control measures/equipments to be taken under proposed project. In addition to this he also asked- what is spentwash?

Ans: In reply to above question, the Consultant told about the pollution control measures taken for each environmental aspect like air, water, noise, odour, solid and hazardous waste in detail. Further Sulakshna Ayarekar also explained about definition of spent wash. She told that spent means waste and wash is a term used in distillery for discharges from fermentation, distillation section, etc. Thus, spent wash indicates nothing but waste discharge from a distillery which is generated after recovery of

alcohol through distillation of fermented wash. This spent wash is having dark brown colour when in fresh condition and contains considerable organic matter due to which it is good for bio-methanation.

10) Shri Gulab Khairat, R/o: Dudhani raised a question about benefits to farmers from proposed MLSCIL project.

Ans: The Consultant explained that the compost that would be generated from proposed distillery would be directly given to farmers for agriculture. This will increase the fertility and productivity of soil due to which crop yield (including sugarcane) will be increased. The resultant increased sugar cane yield will be helpful for existing sugar factory and farmers.

After the above question-answer session, no more questions were coming from the public.

Shri. J. S. Salunkhe, Member, enquired that whether project proponent has applied for NOC from CGWA.

Considering this, Consultant informed that they have already applied for grant of NOC from CGWA though we are not using ground water for distillery and the same is in process.

Mr. Salunkhe also enquired about any provisions for implementation of incineration boiler and odour control measures. Further, he asked whether the spentwash lagoon will be covered under proposed project.

Consultant conveyed that presently there is no any provision of incineration boiler but the same shall be considered in future. The source of fresh water for proposed distillery operations would be Sangolgi Bk. Bandhara. Moreover, as far as odour control is concerned proper housekeeping, good management practices and storage and disposal of spentwash would be done for control of odour pollution. Also, green belt will be developed under proposed distillery.

Thereafter, Shri Kishor Pawar, Chairman, suggested for plantation in project premises taking into consideration the Mission Plantation of

Maharashtra State Government. He also enquired about the recycle water, presence of multifeed boiler, power generation using bagasse. To this, Sulakshna Ayarekar answered that during crushing season no any fresh water will be used for industrial operations i.e. 100 % recycle and during non-crushing season 52% water will be recycled.

Mr. Mhetre informed that existing boilers are multifuel boilers in which bagasse and biogas is used as fuel. The bagasse from sugar factory is used as fuel for cogen plant boiler for power generation. Also, the biogas from biomethanation plant in distillery will be used in cogen boiler.

After, above discussions there were no any questions raised by confirming that there are no any questions coming up from the public, Shri. Awatade, Convener of the Public Hearing Committee thanked all for attending the meeting and raising their doubts. He informed that the objections and suggestions made in the meeting will be inserted in the minutes of the meeting the report will be sent to the Expert Committee of Ministry of Environment, Forest, Climate Change, Govt. of India (MoEFCC, GoI) for their consideration & with the permission of the Chairman, he declared that the public hearing meeting is concluded.

The meeting ended with extending thanks to the Chair.

The proceeding of the hearing starts at 03.15 pm, & finished at 05.15 pm.



(N. S. Awatade)
Convener
and I/c Sub Regional Officer,
MPCB, Solapur


(Kishor Pawar)

Chairman of the Committee and
Addl. District Magistrate,
Solapur



(J.S. Salunkhe)
Member and
I/c. Regional Officer,
MPCB, Pune