

MINUTES OF THE PUBLIC HEARING FOR PROPOSED EXPANSION OF
MOLASSES BASED DISTILLERY UNIT FROM 60 KLPD TO 120 KLPD
PROPOSED BY PROJECT PROPONENT M/S SHARAYU AGRO INDUSTRIES
LTD., POST - KAPSHI, TAL -PHALTAN, DIST-SATARA

The public hearing for proposed expansion of molasses-based distillery unit from 60.0 KLPD to 120.0 KLPD proposed by project proponent M/s Sharayu Agro Industries Ltd., Post - Kapshi, Tal -Phaltan, Dist-Satara was conducted on 05th October, 2020 at the site of the said industry at 11.30 a.m.

Following were the panel members as per Board's Office Order No. E- 51 of 2020 under letter no. BO/JD (WPC)/PH/B- 201001-FTS-0035, dated 01-10-2020:-

- 1) District Magistrate-Satara
or his representative not below
the rank of an Additional District
Magistrate Chairman
- 2) Regional Officer, MPCB, Pune
(Representative of Maharashtra
Pollution Control Board) Member
- 3) Sub Regional Officer,
MPCB, Satara Convener

Shri L. S. Bhad, Sub Regional Officer, MPCB, Satara and Convener of the Public Hearing Committee welcomed Hon'ble Chairman of the Public Hearing Committee, Company Officials and participants who were present in large number and informed that as per the Environment Impact Assessment 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 said Notification. The Sub Regional Office, MPCB, Satara was in receipt of application of M/s Sharayu Agro Industries Ltd., Post - Kapshi, Tal - Phaltan, Dist - Satara for proposed expansion of existing Molasses Based Distillery Plant from 60.0 KLPD to 120.0 KLPD at the existing site of the industry.

The Convener further informed that, as per EIA Notification, 2006 the category of project falls under Category A 5 (g). The aim of conducting prior public consultation is to make aware, local people who can be participant in the hearing and they should know the developmental activities and Environment Management Plan of the unit.

Project Proponent had submitted online prescribed application alongwith pre-feasibility report to the MoEFCC, GoI for Terms of Reference (ToR) for conduct of EIA studies on 30-09-2019 and MoEFCC, GoI, New Delhi considered the project and given online approval on 18-10-2019.

As per said Notification, 30 days' advance public notice was published in the local newspapers in Daily Sakal for Marathi and in national newspaper daily Indian Express for English on 05-09-2020. The public were appealed to send their suggestions, views, doubts or objections regarding the proposed new molasses-based distillery unit.

Also copy of EIA report and executive summary were made available at various notified offices of Government i.e. Ministry of Environment, Forest & Climate Change, Zonal Office, West Central Zone, New Secretariat Building, Ground Floor, East Wing, Civil Line, Nagpur-440 001; District Magistrate Office, Satara; Additional District Magistrate Office, Satara; Zilla Parishad Office, Satara; District Industries Centre Office, Satara; Tahsildar Office- Phaltan, Dist, Satara; Grampanchayat office at Kapshi, Tal-Phaltan, Dist- Satara; Sub Regional Office, MPCB, Satara;; Regional Office, MPCB, Pune and at 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 suggestion or objection regarding the proposed expansion distillery project. The Convener further informed that a single objection/complaint is received by local MPCB Office, Satara. He appealed Chairman of the Committee to allow to start the proceedings.

With the permission of the Hon'ble Chairman of the Public Hearing Committee, Project Environment Consultant gave the presentation on Environment Management Plan of the project.

Environment Consultant of the Project Proponent informed that the proposed expansion unit of distillery has an investment of Rupess 46.55 crores. The project is ZLD (i.e. Zero Liquid Discharge). He informed various pollution control devices and Environment Management Plan.

After the presentation, Convener of the Public Hearing Committee appealed the participants to raise their suggestions, objections regarding Environment Management Plan of the project.

FOLLOWINGS HAVE PARTICIPATED DURING THE DISCUSSIONS, QUESTIONS AND ANSWER GIVEN BY PROJECT PROPONENT/CONSULTANT :-

1) Shri Vilas Atamaram Gaikwad, Resident of Kapashi Gaon, Tal – Phaltan, Dist – Satara :-

How much fresh water will require for the production activities?

Project Environment Consultant informed that 10.0 litres water will require for the distillery project. The permission is already granted to us to use ten litres of water for one litre of alcohol. But we may take 2 – 2.3 litres of water, as our requirement will be fulfilled by using recycled water from our production activities.

2) Shri Sandip Kashid, Resident of Kapshi-Bibi, Tal-Phaltan, Dist – Satara :-

Whether job opportunities will be made available in the expansion of Distillery Project?

Project Proponent remarked that a very good question is asked by the resident of Bibi village. He informed that in the distillery project which is in operation, local people have been given priority for job opportunities. Here also in the project which will be expanded, the local people will be given priority for job opportunities. The participants expressed the joy by clapping hands.

3) Shri Satyawan Baburao Borde, Resident of Kapshi Gaon, Tal – Phaltan, Dist – Satara :-

Which category of effluent will be generated from the distillery project and what will be its quantity?

Project Environment Consultant answered that the main effluent will be of Spent Wash. Eight litres of spent wash is produced in one litre of alcohol. Here it will be fermented and then it will be made solid, which will be of 1-1 ½ litres. Hence, we can say that from 8.0 litres, the spent wash will become of 2.0 litres only. Then it will be burnt. The effluent which will be produced through other activities will be treated in CPU (Condensate Polishing Unit) and will be recycled and reused in the manufacturing process only.

The spent wash will be totally burnt and other effluents will be treated, recycled and reused in the process. Hence, there will be 78-80% saving of fresh water.

4) Shri Sushant Ashok Rashinkar, Resident of Kapshi Gaon, Tal – Phaltan, Dist – Satara :-

Which treatment will be given/extended to effluent produced in the manufacturing process of molasses-based distillery?

Environment Consultant informed that in many other distilleries, the composting process is followed. Hence, the distillery can be in operation for 240 days only. The distillery has to be kept closed in rainy season.

In this unit, the spent wash will be totally burnt in the incineration. In some other units, the spent wash is converted into powder form. The spent wash can be used as organic manure after removing the water. But when this project was commenced, the technology of converting the spent wash into powder form was not available. The incineration technology is working nicely in the project. Hence, the incineration technology is adopted. The spent wash will be totally burnt in the process.

5) Shri Kiran Bandal, Resident of Saswad -

Whether treated effluent can be reused again?

Environment Consultant informed that the treated effluent can be recycled in the manufacturing process. If a farmer desires, it cannot be given to you like sugar factory effluent. The sugar factory treated effluent can be given to agriculturists for farming. Here in distillery unit, it will be treated and will be recycled and reused in the process.

6) Shri Dasharath Haribhau Shinde, Resident of Tarad Gaon, Tal – Phaltan, Dist – Satara :-

Which products are manufactured in our distillery?

The Alcohol is the main product which will be produced in the Distillery. It is called as Rectified Spirit. There will be production of 60,000.0 litre/day. After expansion, it will be of 1,20,000.0 litre/day. It is called as Alcohol.

Rectified Spirit will be the first product. Afterwards, ENA, Ethanol will be produced. It will be produced as per the market demand. Now after Corona Pandemic, the sanitizer has become indispensable in our daily life. Sanitizer is ENA only. If the company submits the tender to Govt of India, then the Extra Neutral Alcohol will be produced.

7) Shri Ravindra Mahadev Kadam, Resident of Kapashi Gaon, Tal – Phaltan, Dist – Satara :-

This project is molasses-based distillery. Whether solid waste will be produced in the project and how it will be treated and disposed of?
Environment Consultant informed that two types of wastes will be produced in the manufacturing process, one is Solid Waste and other is Hazardous Waste. The solid waste is called as Yeast Sludge. The water contents in the yeast is removed and it is burnt. The Hazardous Waste is not produced in the distillery as it is burnt in the boiler.

8) Shri Hemant Shivaji Khatal, Resident of Kapashi Gaon, Tal – Phaltan, Dist- Satara :-

How much Alcohol will be produced per day in the Distillery?
1,20,000 litres per day Alcohol will be produced in the Distillery as informed by Environment Consultant.

9) Shri Vilas Abasaheb Kale, Resident of Kapshi Gaon, Tal – Phaltan, Dist – Satara :-

How much spent wash will be created from Molasses Based Distillery?
Environment Consultant informed that $120 \times 8 = 9.60,000$ litres per day spent wash will be produced. It will be fermented.

10) Shri Bhanudas Tukaram Jadhav, Resident of Kapshi Gaon, Tal – Phaltan, Dist – Satara :-

How many days the Distillery Project can be kept in operations?
Environment Consultant informed that the Distillery will be in operation for 330 days. It will be kept closed for maintenance for few days. It will in operation whole year including rainy season. It is in operation in closed condition. Here the project proponent is not at all carrying composting activities. The incineration boiler also kept is closed condition.

11) Shri Dattatray Appaji Dhayagude, Dombalwadi, Tal – Phaltan, Dist – Satara :-

What is the meaning of Spent Wash.

Spent Wash is English word. Spent means Waste/Rejected. Spent wash is produced through fermentation distillation. After removal of alcohol, the remains are Spent Wash.

If there is 100.0 litres of Alcohol, then there will be 12.0 litres of Alcohol and 88.0 litres of spent wash. It is called as effluent. (i.e. 12% Alcohol and 88% Spent Wash/Effluent).

12) Shri Sanjay Kale, Resident of Kapshi Gaon,
Tal - Phaltan, Dist - Satara :-

Which Pollution Control Devices will be installed in the Distillery unit?
Boiler, MEE (Multi Effective Evaporator), CPU (Central Processing Unit).
these are Pollution Control Devices which will be kept in operation in the plant.
For Air Pollution Control, Stack and ESP equipments will be kept in operation.
The pollution control devices will be installed as per the type of pollution i.e. water, air. Here boiler and ESP are the main pollution control devices.

Dr. J. B. Sangewar, Regional Officer, MPCB, Pune and Member of the Public Hearing Committee asked whether the spent wash will be burnt in the incineration in the project? If yes, whether emissions are monitored of it?
Environment Consultant informed that pollutants are not beyond the limits. It is already online connected. Member, Environment Public Hearing Committee asked whether analysis is carried? Environment Consultant asked whether qualitative or quantitative? Member, Environment Public Hearing Committee informed that it requires for both. Member informed that sulphur contents are more in the spent wash, hence analysis of sulphur should be made available. Environment Consultant promised to do the same. It is also informed to study all the pollutants in the spent wash and submit the report accordingly.

Shri L. S. Bhad, Sub Regional Officer, MPCB, Satara and Convener of the Environment Public Hearing Committee informed in the meeting that Sub Regional Office, MPCB, Satara is in receipt of a complaint by email from Shri Mahesh Dilip Varpe, At Post - Kapashi. Convener of the Environment Public Hearing Committee read the complaint in the meeting. The complainant informed that due to Sharayu Agro Industries Limited, the water of the surrounding wells and borewells have polluted.

Due to polluted water, the ill-effects are observed on human and animal life. We have no another option for drinking water. Due to boiler in the distillery, the ash and black carbon particles/soot found in the nearby houses. Due to it, the residents are suffering by breathing problems.

Hence, Res. Sir please consider the hardship faced by the residents of the surrounding areas of the project and to prevent water and air pollution, action should be initiated against the industry. Also the project proponent should not be allowed for expansion of the products. This is humble request.

Convener read the complaint in the meeting.

Environment Consultant asked complainant's name and remarked that residents of Kapashi Gaon have given suggestions in the meeting. He informed that while preparing Environment Impact Assessment (EIA) Report, samples from well and borewells were collected. The analysis reports of the samples collected from wells and borewells reveals that the concentration/contents of BOD and COD is higher, but not alarming. Secondly, it cannot be concluded that it is due to Sharayu Distillery.

It could have been accepted, if the industry would have composting activities. When three months' monitoring survey was carried, nothing was observed about the ash generation. Environment Consultant appealed the participants whether such nuisance is suffered by the local people? He requested Public Hearing Committee to make him available copy of the

complaint and it will be answered while submitting Final Environment Impact Assessment Report.

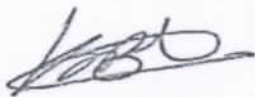
Environment Public Hearing Committee appealed participants to raise suggestions, objections if any regarding Environment Management Plan of the industry. There was no response.

Shri Sunil Thorve, Additional District Magistrate, Satara and Chairman of the Public Hearing Committee asked Convener of the Public Hearing Committee to conclude the meeting.

Convener, Environment Public Hearing Committee informed that the objections, suggestions raised during the meeting by the participants will be included in the minutes of the meeting. It will be submitted alongwith Final EIA to Ministry of Environment, Forest and Climate Change, Govt. of India, New Delhi. The Expert Committee will take the decision accordingly.

Convener thanked all for attending the meeting and on behalf of the Chairman of the Committee, he declared that the meeting is concluded.

The meeting ended extending thanks to the Chair.



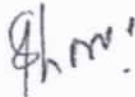
(L. S. Bhad)

Convener, Environment Public
Hearing Committee
and
Sub Regional Officer, MPCB,
Satara



(Dr. J. B. Sangewar),

Member Environment Public
Hearing Committee
and
Regional Officer, MPCB, Pune



(Sunil Thorve),

Chairman,
Environment Public Hearing Committee
and
Additional District Magistrate, Satara
Dist – Satara