

MINUTES OF THE PUBLIC HEARING FOR proposed expansion of Sugar factory from 2,500 TCD to 4,900 TCD (Increase by 2,400 TCD) and establishment of 200 KLPD capacity C/B Heavy Molasses/Cane Syrup/Juice Based Distillery along with 3 MW Captive Power plant, PROPOSED BY PROJECT PROPONENT M/S. Sant Damaji Sahakari Sakhar Karkhana Ltd., 3743 to 3755 A/P- Mangalwedha, Tal-Mangalwedha, Dist-Solapur

The Public Hearing for proposed expansion in existing unit of Sugar Capacity from 2,500 TCD to 4,900 TCD (Increase by 2,400 TCD) and establishment of 200 KLPD capacity C/B Heavy Molasses/Cane Syrup/Juice Based Distillery along with 3 MW Captive Power plant in the premises of existing Sugar unit BY PROJECT PROPONENT M/S. Sant Damaji Sahakari Sakhar Karkhana Ltd., 3743 to 3755 A/P- Mangalwedha, Tal-Mangalwedha, Dist-Solapur was conducted on Tuesday, the 18st October, 2022 at the site of the said industry at morning 11.30 a.m.

District Collector, Solapur approved the date of public hearing on and as per the Notification dated 14-09-2006 issued by Ministry of Environment, Forest & Climate Change, Govt. of India, (MoEFCC, GoI), New Delhi and subsequent amendment on 01-12-2019, Member Secretary, Maharashtra Pollution Control Board, Mumbai has constituted Public Hearing Panel vide Board's Office Order No. E- 71 of 2022 under letter no. BO/JD (WPC)/PH/B-220920-FTS-0234 dated 20/09/2022:-

1) District Magistrate-Solapur
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, Solapur

Convener

Shri Ajit Vasantrya Patil, Sub Regional Officer, MPCB, Solapur and Convener of the Environment Public Hearing Committee welcomed Smt. Shama Pawar, Additional District Magistrate, Solapur and Chairman of the Environment Public Hearing Committee; Environmentalists, NGOs, Journalists and Company Officials and local people/participants who were present and informed that as per the Environment Impact Assessment Notification of Ministry of Environment, Forest & Climate Change, Govt. of India, (i.e. MoEF & CC, Gol) 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.

Maharashtra Pollution Control Board was in receipt of application from Project Proponent M/S. Sant Damaji Sahakari Sakhar Karkhana Ltd., 3743 to 3755 A/P- Mangalwedha, Tal- Mangalwedha, Dist-Solapur, Maharashtra for their proposed expansion of Sugar factory from 2,500 TCD to 4,900 TCD (Increase by 2,400 TCD) and establishment of 200 KLPD capacity C/B Heavy Molasses/Cane Syrup/Juice Based Distillery along with 3 MW Captive Power plant in the premises of existing Sugar unit

The Convener further informed that this existing project is established outside the Industrial Zone and as per EIA Notification, 2006 the category of project falls under Category A 1 (d), 5 (j) and 5 (g), which requires to obtain prior Environmental Clearance from the Environment, Forest and Climate Change Department, Govt of India, New Delhi (MoEF & CC, Gol), for which prior environmental consultation is mandatory. Convener informed that 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 MoEF & CC, Gol, New Delhi for Terms of Reference (ToR) for conduct of EIA studies and MoEF & CC, Gol, New Delhi has considered the project and given online approval. As per said Notification, 30 days' advance public notice was published by Sub Regional Office, MPCB Solapur in the Local Newspaper in Daily Sakal for Marathi newspaper on 16/09/2022 and in National Newspaper daily Indian Express for English on 15-09-2022. The public were appealed to send their suggestions, views, doubts or objections regarding the proposed unit.

Also copy of EIA report and executive summary were made available at various notified offices of Government District Magistrate Office- District Collector office, Solapur; Additional District Magistrate Office, Solapur; Zilla Parishad Office, Solapur; District Industries Centre Office, Solapur; Tahsildar, Tahsil Office- Mangalwedha, Mohol, Pandharpur, District – Solapur; Block Development Officer, Panchayat Samiti, Mangalwedha, Mohol, Pandharpur, Dist – Solapur; Chief Officer Mangalwedha Municipal Council Office, and Gram Sevak/Sarpanch- Grampanchayat offices related to– Mudhavi, Ozewadi, Dharamgaon, Bathan, Uchethan, Ambechincholi, Degaon, Siddhewadi, Shirgaon, Ambe, Sarkoli, Mallewadi, Dhavalas, Taratgaon Kasegaon, Napatgaon, Vita, Puluji, Shankargaon, Waddegaon, Nali, Ardhanari, Ghodeswar, Machnur, Brahmपुरi, Rahatewadi, Mundhewadi, Fatatewadi villages of Dist – Solapur, Sub Regional Office, MPCB, Solapur; Regional Office, MPCB, Pune and at Head Office of MPCB at Mumbai, Environment & Climate Change Department, Govt. of Maharashtra, New Administrative Building, Mantralaya, Mumbai and on the website of MPCB. The public in general were appealed to send any suggestion or objection regarding the proposed new distillery project.

Convener informed that suggestions from 3 NEO's Fight against Global Warming, Telangana state, Metro Urban and Rural Development Society, Hyderabad, Society for Environmental care, Hyderabad with support/suggestion to the project by are received by Sub Regional Office, MPCB, Solapur, copy attached herewith as annexure. Attendance sheet is enclosed as annexure.

Convener informed that participants can raise their views, suggestions/objections for the proposed expansion of the project in environmental angle only orally as well as in writing also. On behalf of Chairperson, Convener of the meeting asked Project Consultant to give the presentation .

With the permission of Chairman, Project Environment Consultant gave geographical location of the proposed unit, proposed impact on the environment due to proposed project and details of Environment Management Plan of the proposed unit. The existing capital investment of the present sugar industry is Rs. 112.55 crores. Capital investment for this proposed project is Rs. 390 Cr. Thus total investment will be Rs. 502.55 Cr.

Environment Consultant informed that Project Proponent has capital investment of Rs. 3.20 Cr for the capital investment of environmental protection system and O & M of Rs. 0.7 Cr is for the existing sugar factory.

Environment Consultant informed that Project Proponent has reserved capital investment fund of Rs. 88.45 Cr for proposed various Environment Protection System are reserved. It means that the PP has kept reserve of 22.7 % of the capital investment amount for the environment protection. PP has made provision of Rs. 5.85 Cr towards CSR (1.5 % of the CI of Rs. 390 Cr)

It is informed by the Environment Consultant that not a drop of treated effluent will be generated outside the factory and this project is Zero Liquid Discharge (ZLD). Due to this expansion of the project, local people will get job opportunities and there will be tremendous increase in the local business. Environment Consultant informed that as the expansion will be carried in the existing project site only, there is no requirement of extra land. Water in sugarcane crop, which will be removed in the process and it will be treated and reused in the manufacturing process.

After presentations, Convener, Environment Public Hearing Committee appealed the participants to raise their views, suggestions or objections regarding propose plant in environmental angle only.

Following persons have taken part in the discussions and the answers given by Project Environment Consultant/Project Proponent/ Environment Public Hearing Committee:-

1) Shri Santosh Rokade, Mudhavi, Tal- Mangalwedha, Dist – Solapur

What is expansion capacity of the proposed project ?How much alcohol will be produced from the proposed project?

Reply Given - proposed expansion of Sugar factory from 2,500 TCD to 4,900 TCD (Increase by 2,400 TCD) and establishment of 200 KLPD capacity C/B Heavy Molasses/Cane Syrup/Juice Based Distillery along with 3 MW Captive Power in the premises of existing Sugar unit. 200 KLPD alcohol will be produced from the proposed project.

2) **Shri Tushar Kapse, Mundhavi, Tal- Mangalwedha, District - Solapur: -**

What is the cost of the proposed project?

Reply Given – The investment of the proposed project is 390 crores.

3) **Shri Anil Rasal, Mundhavi, Tal- Mangalwedha, District- Solapur: -**

How much spent wash is generated by the proposed project? How to dispose of it

Reply Given –

Raw Spent wash of 1600 KL per day will be generated containing 10 to 20 % of solids. This spent wash will be concentrated. The spent wash will be treated in MEE. Concentrated spent wash generation will be 160 cubic meter per day. The concentrated spent wash will be burned with bagasse/coal in the incineration boiler. Thus 100 % spent wash will be disposed off. Thus ZLD project. On behalf of the project promoters, the Environmental Consultant replied that all these matters were mentioned during the presentation. The project is Zero Liquid Discharge (ZLD).

condensate polishing unit (C.P.U.) will be constructed. Also the Daike Axis Johkasou Japanese technology package STP is also proposed.

4) **Mrs. Sangita Vasnik, Unchethan, Tal- Mangalwedha, District- Solapur: -**

How will the waste water generated by the proposed project be disposed of?

Reply Given – ETP will be provided. On behalf of the project promoters, the Environmental Consultant replied that all these matters were mentioned during the presentation. The project is Zero Liquid Discharge (ZLD). condensate polishing unit (C.P.U.) will be constructed. Also the Daike Axis Johkasou Japanese technology package STP is also proposed. Spent wash management :- Raw Spent wash of 1600

KL per day will be generated containing 10 to 20 % of solids. This spent wash will be concentrated. The spent wash will be treated in MEE. Concentrated spent wash generation will be 160 cubic meter per day. The concentrated spent wash will be burned with bagasse/coal in the incineration boiler. Thus 100 % spent wash will be disposed off. Thus ZLD project.

5) **Mrs. Suvarna Javir, Bhalvani, Tal- Pandharpur, Dist-Solapur:**

Air pollution and noise pollution will be there. Will it affect us?

Reply Given –

Air Pollution Control - At present a boiler with a capacity of 100 tons per hour is operational. After the expansion, a new boiler with a capacity of 100 tons per hour will be erected and a new electrostatic precipitator (ESP) based on the latest technology will be erected. Two 40 TPH incineration boilers for distillery division will be installed and for that stack/chimney of 80 meter height will be provided. For sugar division expansion from 2500 to 4900 TCD will be done. For that modification of existing boiler will be done. There will be two 40 TPH bagasse fired boilers and stack of 75 meter will be provided to the same. Existing sugar factory is having two boilers of 32 TPH capacity having stack of 40 meter height. Thus air pollution problem will be solved.

Noise Pollution - For noise pollution control isolation, separation, insulation techniques will be followed. PPEs in the form of earmuffs, earplugs etc will be provided to the workers. Enclosure will be provided to the D. G. set. for D.G. Set Canopy and silencer will be used. Thus noise pollution problem will be solved.

6) **Shri Dilip Pujari Bramhapuri, Tal- Mangalwedha, District-Solapur:**

What fuel will be used for the boiler in the said proposed project?

Reply Given – In the proposed project bagasse will be used as fuel for boilers.

7) Shri Saikiran Patil, Bramhapuri, Tal- Mangalwedha, Dist-Solapur :-

How will the local farmers benefit from this expansion project?

Reply Given - On behalf of the project promoters, the environmental consultant replied that the project would directly and indirectly benefit the farmers. The spray dryer powder from the spray drying of spent wash generating from distillation plant contains elements like nitrogen, phosphate, potash which are useful for agricultural land. In short, that powder contains NPK. Agriculture will benefit from the inclusion of components.

If 150 to 200 kg per acre of powder of spent wash is used, the yield of agricultural crops increases. PP informed that after the commissioning of the project, sugarcane can get an increased rate, as the project will produce a lucrative component like ethanol with higher demand and higher market price. So that it indirectly benefits the farmers. Project Consultant said that since the project is a distillery, even if the sugarcane season is over, it can be run for 330 days in a year. So production will not stop. The project consultant further said that the project has state-of-the-art technology to produce ethanol directly from sugarcane juice produced from sugar mills during the five months from November to March. Ethanol can also be produced by storing molasses produced during the distillery crushing season from April to October. The respective Distillery can be run 330 days a year. Thus the project will be beneficial to the local farmers and all.

8) Shri Dnyaneshwar Nilkanth, Bramhapuri, Tal- Mangalwedha, District-Solapur: -

What will the local farmers benefit from the said expansion project?

Reply Given - On behalf of the project promoters, the environmental consultant replied that the project would directly and indirectly benefit the farmers. The spray dryer powder

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Environment Public Hearing Committee appealed all the participants to raise their doubts, suggestions or objections regarding the above project in environmental angle only. Convener, Environment Public Hearing Committee informed that Sub Regional Office, MPCB, Solapur was is in receipt of two suggestions. It will be submitted along with minutes of the meeting, Final EIA report to Environment, Forest & Climate Change, Govt. of India, New Delhi. The suggestions/objections raised during the meeting are noted and it will be included in the minutes of the meeting. The minutes along with videography, suggestions will be submitted to MoEF & CC, Govt. of India, New Delhi. An Expert Committee will take further decision accordingly. He requested Chairperson to conclude the meeting.

Chairperson, Environment Public Hearing Committee thanked all the participants who attended this public hearing & stated that Environment Consultant/ PP has given answers to the suggestions, objections raised by the participants & further declared that the meeting is concluded.

The meeting ended extending thanks to the Chair.



(Ajit Patil)
Convener,
Environment Public Hearing Committee
And
Sub Regional Officer, MPCB, Solapur



(Shama Pawar)
Chairperson,
Environment Public Hearing Committee
And
Additional District Magistrate, Solapur,
Dist – Solapur