

**MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING  
HELD FOR PROPOSED EXPANSION OF  
SUGAR CRUSHING CAPACITY FROM 4000 TCD TO 7000 TCD  
AND CO-GENERATION PLANT OF 28 M.W.  
IN RESPECT OF  
M/S. RAJARAMBAPU SAHAKARI SAKHAR KARKHANA LTD.,  
AT VILLAGE SAKHARALE,  
TAL: WALWA, DIST: SANGLI (MAHARASHATRA STATE)**

M/s. Rajarambapu Patil Sahakari Sakhar Karkhand Ltd., village Sakharale, Tal: Walwa, Dist: Sangli has submitted the proposal to the Maharashtra Pollution Control Board for public hearing for their proposed expansion of sugar crushing from 4000 to 7000 TCD and co-generation plant of 28 MW. In this regard, M.P.C. Board has conducted the environmental public hearing of the proposed project on 29-07-2015 at 3.00 P.M. at Continuing Education Centre Building, factory site of M/s. Rajarambapu Patil S.S.K. Ltd., at village Sakharale, Tal: Walwa, Dist: Sangli. The following panel members were present for conducting the public hearing:-

1. Hon'ble Mr. Sanjay Shinde, - Chairman  
Additional District Magistrate, Sangli.  
(Representative of District Collector, Sangli)
2. Regional Officer, Kolhapur  
(Representative Mrs. S.S.Kumbhar, - Member.  
F.O. to R.O.Kolhapur )
2. Shri . Limbaji Suresh Bhad - Convener  
Sub Regional Officer, MPCB,  
Sangli.

First of all, Shri.Limbaji Suresh Bhad, Convener welcomed the public and asked for the permission of Hon'ble Chairman to start the public hearing. After grant of permission from Hon'ble Chairman, the public hearing started. The convener informed that, these proposed projects come under category A of the Notification No. 1533 of MOEF dated 14 September 2006 and hence, it is mandatory to conduct the environmental public hearing. MPCB has published notice in daily "Sakal" in Marathi language and in daily "The Times of India" in English language on 28.06.2015 regarding todays public hearing. The copies of EIA report and executive summary were made available for inspection at office of District Collector, Sangli ; District Industries Center, Sangli ; Zilla Parishad Office, Sangli ; Environment Department, Govt. Of Maharashtra, Mumbai - 400 032 ; Member Secretary, M.P.C. Board, Kalpataru Point, 3<sup>rd</sup> floor, Opp. Cine planet, Sion Circle, Sion (E), Mumbai-32. ; Regional Officer, MOEF,

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West Zone, Bhopal; Regional Office, MPC Board, Udyog Bhavan, Kolhapur; Sub Regional Office, MPC Board, Udyog Bhavan, Sangli; Tahsildar Office, Islampur; Grampanchayat Office, Sakharale, Tal: Walwa, Dist: Sangli for inspection of the public. But till date no written complaints or objections are received.

He further informed that, this public hearing is a part of obtaining environmental clearance which is necessary for the proposed project before starting the plants. The technical consultant of the proposed project will present the information and then the public should raise questions, complaints, objections, suggestions etc. The questions of the public and the reply given by the technical consultant will be recorded and the minutes of the public hearing alongwith CD will be submitted to MOEF, New Delhi for final decision. Then, the convener instructed representative/technical adviser of the project proponent to give detailed presentation.

Thereafter, Shri Mukund Govind Behare, Representative of M/s. S.D. Engineering Services Pvt.Ltd., Aurangabad. Technical Consultant presented the information to the public through slide show. It includes information about the proposed project, geographical information, manufacturing process, cost of the project, raw material, water management, necessity, boiler, use of steam, effluent generation, treatment of effluent, air emission, solid waste management, present status of air, noise, soil, bio diversity, socio economic condition, Impact on air, noise level, impact on water, land and soil, socio-economic impacts, impact on biodiversity, health services/facilities, selection of land, technical process of sugar production and co-generation plant, environmental recording, emergency planning, environmental management plan, summary etc.

After above presentation, the convener of the public hearing appealed the public for suggestions, questions, objections, complaints & opinions etc.

Thereafter the following questions and answers were raised.

**Q.No.1] Shri Pralhad Suryavanshi, Sakharale, Tal.: Walwa, Dist. Sangli.**

Which measures are taken for the treatment of waste water ?

Ans. The technical consultant answered that the waste water will be treated in the effluent treatment plant and maximum 1250 m<sup>3</sup> of waste water will be generated. We are going to install new machinery in the E.T.P. of the karkhana in which digradable matter will be dissolved for which we are going to install new technology to maximize oxygen in the air through aerators. Also floating type mixers will be installed for proper mixing of waste water due to which complete waster will be stirred properly and supply of oxygen will be increased. After testing, the treated

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waste water will be used for agriculture. 100% care will be taken in the ETP to avoid ill effects of waste water on the environment.

**Q.No.2] Shri Shivaj Dhondiram Dange, Sakharale.**  
How are you going to dispose the waste water ?

Ans. The technical consultant said that, the waste water of the karkhana will not be disposed in river or underground. It will be used for gardening around the karkhana and for irrigation of 65 acre of sugar cane crop.

Shri. Dilip Jangam, further asked whether there will be ill effects of the waste water, if it is used for agriculture ?

The karkhana consultant said that the quality of the waste water will be tested in their lab and B.O.D., C.O.D. of the waste water will be maintained as per the standards laid down by M.P.C. Board.

**Q. No.3] Shri. Mohanrao Jadhav, Junekhed.**

How will be the bagasse generated due to increase in the capacity of boiler after expansion managed ?

Ans. On this, the project consultant said that we are going to use boiler of capacity 140 TPH in which there will advance technology and hence the bagasse required for co-generation plant and the bagasse required for the sugar plant will be used at the same time and hence there is no need to bring it from outside. Now bagasse will be minimize because the bagasse generated during production will be used in sugar and co-generation plant.

**Q.No.4] Shri Vijay Bhagwan Patil, village June Khed, Dist: Sangli.**

What is the capacity of the new boiler ?

Ans. The project consultant answered that highly advance boiler of 140 TPH capacity will be provided.

**Q.No.5] Shri Satish Patil. June Khed, Dist-Sangli.**

How much increase in noise pollution will be observed from the proposed project ?

Ans. On this, the project consultant said that there will be no increase in the noise pollution due to the proposed project. The regular noise level of blow down in the karkhana will remain after the expansion and it will not cause nuisance to outside people.

**Q.No.6] Shri Santaji Gavade, village Nave Khed, Dist: Sangli.**

Will there be air pollution due to the proposed project ? What control system will be provided for this ?

Ans. For control air pollution ESP system attached to the new boiler will be provided. 99% ash generated through chimney will be collected in this system. This ash will be supplied for manufacturing of bricks and maximum ash will be used for composting.

**Q.No.7] Shri Vinod Rajaram Babar, village Sakharale, Tal: Walwa, Dist: Sangli.**

Will the percolated waste water disposed on Bene Mala will affect villages, well and borewell waters etc. located around the site ?

Ans. The project consultant answered that there will be no incidence pollution of water due to percolation of waste water. Because we collect samples of waste water at compost site. The waste water is disposed outside after treatment on it. The waste water disposed from the factory will be directly enter into any water body and there will be no percolation. The waste water will be used at Bene Mala. It will not affect the soil. We have taken care to avoid any kind of effect on it.

**Q.No.8] Shri Lalasaheb Vategaonkar, Borgaon, Tal: Walwa, Dist: Sangli.**

Are you going to utilize new technology in effluent treatment plant ? If yes, what is it ?

Ans. The project consultant answered that the design of ETP is adequate for treatment of current waste water and generated for proposed plant. The waste water will be disposed after proper oxidation, mixing and use of lime in proper proportion followed by straining it and biological process.

**Q.No.9] Shri Ramesh Patil, Islampur, Dist: Sangli.**

Will you use additional pressmud for composting as there will be increase in it after expansion of the plant ?

Ans. The project consultant answered that we are going to utilize 100% pressmud generated due to the proposed project for composting. Now, from next year there will be increase in production of the fertilizer over that generated annually.

**Q.No.10] Shri Sarjerao Anandrao Deshmukh, Pharnewadi, Dist: Sangli.**

Please give information about the funds that you are going to reserve as CSR ?

Ans. The project consultant answered that the funds will be utilized for work like construction of society halls, gyms, health centres etc. repairs of roads, water supply scheme, gutter scheme etc. which is done by municipal council. At the same time, the fund of Rs. 102 lacs reserved by the factory will be used under CSR for new schemes for public facilities, construction of water tanks, pipe lines, toilets etc.

**Q.No.11] Shri Vasantao Subrao Shinde, Borgaon, Dist: Sangli.**

What will be the quantity of waste water generated due to the expansion of crushing capacity of the plant ? Will the waste water be treated properly ?

Ans. The project consultant answered that the proposed project will generate about 1250 m3 of waste water and after treatment 368 m3 waste water will be given for agriculture.

**Q.No.12] Shri Rajendra Anandrao Deshmukh, Pharnewadi, Dist: Sangli.**

How many water required for the project be maximum made available ?

Ans. The project consultant answered that MIDC has given permission to lift water of 1100 m3. Actually, we do not need 1100 m3 water because sugar cane contain 70 to 80% water. It will be used for co-generation plant through recycling, condensation etc. and the remaining water will be used maximum for the proposed project. We will see to use minimum quantity of water supplied by MIDC. Because we are going to use advanced technology in the plant for condensing water and recycle the water available in sugarcane.

**Q.No.13] Shri Umesh Patil, Deputy Sarpanch, Borgaon, Dist: Sangli.**

Have you planned for recycling of waste water ?

Ans. The project consultant answered that the treated waste water will be used on our own 65 acre of green belt for sugarcane crop without giving it outside.

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**Q.No.14] Shri Gulab Hari Patil.**

How much bagasse will be required for the proposed project ?

Ans. The project consultant answered that about 1450 Ton bagasse will be required for the proposed plant.

Shri Ramchandra Dhirendrarao Mahuli, representative of factory management informed that daily 77 ton bagasse will be generated. Out of this 60 ton bagasse will be used for boiler, 17 ton will be saved and it will be used when the boiler of distillery is in operation.

**Q.No.15] Shri Dhanaji Anandrao Patil, June Khed. Dist-Sangli**

How much time will it take to start the proposed project ?

Ans. The representative of factory management replied that the co-generation plant will be started in February to March 2016. All units of the plant will start from October to November 2016. Trial run of co-generation plant will be done in March 2016.

**Q.No.16] Shri Balasaheb Patil, Islampur, Dist: Sangli.**

How will you dispose the solid waste generated from the proposed project ?

Ans. The representative of factory management replied that maximum solid waste will be used for manufacturing bio fertilizer. The bio fertilizer made from office and plant waste will be used for gardens of the factory.

**Q.No.17] Shri. Shivaji Dhondiram Dange, Member of Taluka Panchayat Samiti, Sakharale, Tal: Walwa, Dist: Sangli.**

He told that all the doubts of the people in this public hearing are cleared. I request to start the co-generation project at the earliest. In village Wategaon Branch of Karkhana we experienced that there is 12 MW generation of power out of which 5 MW power is used for the sugar factory and 7 MW power is sold and the factory get profit of Rs. 10 to 12 crores and hence the farmers get Rs. 175/- to 200/- per ton for their sugarcane. Therefore, proposed co-generation plant is necessary for farmers and hence it should be started at the earliest.

Shri Sunil Rangrao Patil, Sakharale, told that the proposed co-generation project of 28 MW should be started at the earliest. Out of this, the factory is going to use the power of 11 MW for itself and 18 MW power will be sold outside. The profit made by the karkhana from this will help to give maximum rate to the member farmers of the factory. Also after

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starting the plant there will be employment opportunities for local people and their families will become economically strong. Hence, I request that this project should be started at the earliest.

After above discussion, Hon'ble Chairman of the public hearing committee Mr. Sanjay Shinde told that the project proponent had submitted a proposal regarding the proposed project to MOEF, Government of India, New Delhi and the public hearing is held to record the doubts, problems, questions, objections of the people and the doubts are cleared through the public hearing. The Public Hearing Committee also accepts written complaints / representations regarding the project. Today the project consultant has given the information regarding disposal of their waste water, solid waste management, noise pollution, bagasse, CSR etc. If people want detailed technical information regarding the proposed project, they can see it on the factory website and also the website of M.P.C. Board. The public hearing committee has recorded the discussion held in today's public hearing in minutes and it will be sent to M.P.C. Board through District Magistrate, Sangli for onward submission to the Central Government.

Finally, the Hon'ble chairman thanked all the people for their support to conduct the public hearing peacefully and the public hearing concluded after vote of thanks to the chair.

In respect of the proposed project there are no complaints received.



**(Limbaji Suresh Bhad)**  
Convener  
Sub Regional Officer, MPC Board  
Sangli.



**(Sanjay Shinde)**  
Chairman  
Additional District Magistrate,  
Sangli.



**(Mrs. S.S.Kumbhar,)**  
Field Officer  
Representative R.O.Kolhapur