

**MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING
HELD FOR
PROPOSED DISTRILLERY PROJECT OF 600 KLPD CAPACITY
IN RESPECT OF
M/S. KRANTIAGRANI DR. G. D. BAPU LAD SAHAKARI SAKHAR
KARKHANA LTD,
AT: VILLAGE KUNDAL, TAL: PALUS, DIST: SANGLI
(MAHARASHATRA STATE)**

A public hearing for proposed distillery project of 60 KLPD capacity in respect of M/s. Krantiagrani Dr. G.D. Bapu Lad S.S.K. Ltd., At/Post- Village Kundal, Tal: Palus, Dist: Sangli was held on 19.10.2016 at 11.00 AM at Krantisingh Nana Patil Memorial Hall (Near factory site), village Kundal, Tal: Palus, Dist: Kolhapur. Following panel members were present for the public hearing:-

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| 1. | Hon'ble Shri. Trigun Kulkarni,
Additional District Magistrate, Dist Sangli.
(Representative of District Collector, Sangli) | - | Chairman |
| 2. | Sou Sushma Kumbhar,
Field Officer, representative of
Regional Officer, M.P.C. Board, Kolhapur.
(Representative of Maharashtra Pollution
Control Board) | - | Member |
| 2. | Shri L. S. Bhad
Sub Regional Officer, MPCB,
Sangli | - | Convener |

First of all, Mr. L.S. Bhad, convener of the environmental public hearing welcomed the public and with the permission of Hon'ble Chairman started the public hearing. He informed that, Maharashtra Pollution Control Board has received a proposal from M/s. Krantiagrani Dr. G.D. Bapu Lad S.S.K. Ltd., at village Kundal, Tal: Palus, Dist: Sangli for establishing proposed distillery project and hence, this public hearing is conducted. This public hearing is conducted to inform and discuss with the public the impact of proposed project

on environment, the residents, their problems and the measures to be taken by the project proponent to control the pollution. As per Notification No. 1533 dated 14 September 2006 of MOEF, Government of India, environmental public hearing is mandatory for the industries coming under Schedule 'A' and 'B' of the Notification. Hence, on 19.09.2016, Maharashtra Pollution Control Board had published notice regarding this environmental public hearing in daily "Sakal" in Marathi language and in daily "The Times of India" in English language. The copies of EIA report and executive summary were made available for study of public at office of District Collector, Sangli ; District Industries Center, Sangli ; Zilla Parishad Office, Sangli ; Environment Department, Govt. Of Maharashtra, Mumbai; M.P.C. Board, Kalpataru Point, 3rd floor, Opp. Cine planet, Sion Circle, Sion (E), Mumbai; Regional Office, MOEF, West Zone, Bhopal; Regional Office, MPC Board, Udyog Bhavan, Kolhapur; Sub Regional Office, MPC Board, Udyog Bhavan, Sangli; Tahsil Office, Palus; and Grampanchayat Office, Kundal, Dist: Sangli and it was requested to submit their complaints, objections, suggestions etc. However, no written complaint, objection.

Shri. L. S. Bhad further informed that, environmental clearance from MOEF, Government of India is necessary for starting the proposed project for which environmental public hearing is necessary. Reply to the written objections, instructions received from the public will be obtained from the project proponent. The technical consultant of the proposed project will present all the information related to the proposed project, thereafter 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 government for final decision. Thereafter, Shri. L. S. Bhad requested the technical consultant of the project proponent to give detailed presentation.

Thereafter, Shri Akshay Kulkarni, Technical Consultant presented following information through slide show :-

Geographical Information about sugar factory, its site, latitude, longitude and its google image etc.

Information about sugar factory -

The sugar factory was established in the year 1997 which has present cane crushing capacity of 5000 MT/day and electricity generation from its co-generation plant is 19.70 MW. This sugar factory has won various awards for recovery at various levels including one award at national level.

Information about proposed project -

The proposed distillery project is of 60 KLPD capacity and its cost is Rs. 80 crores. It will work for 300 to 330 days in a year. The molasses generated from the sugar factory will be used as raw material for the proposed distillery project. Through proposed project, employment opportunities will be provided to the local people.

Precautions to be taken in the proposed project –

The industrial waste water generated from the proposed project will be reused after treatment. Due to zero liquid discharge system no industrial effluent will go outside. The industry will be self-reliant in respect of the raw material. There will be no nuisance of odor.

Location of the proposed project –

Presently, the karkhana has 51 hectares of land which will be sufficient for the proposed project and therefore, there will be no need to acquire additional land. Presently available office, electricity, raw material and finished product storage facility will be used for proposed project. There will be dual use of sugar factory resources.

EIA Study –

EIA study within 10 Km radius of the project site has been carried out. It includes study of air pollution, noise pollution, groundwater, surface water, soil, and also study of future impact and precautionary measures to be taken. There is no special forest area within the radius of 10 Km.

Distance of various places from the proposed project -

1. Sagarshwar wildlife sanctuary is located within 1.7 Kms from the proposed project.
2. Yerela river - 4 Kms
3. Krishna river - 7 Kms.
4. Sangli city - 40 Kms
5. Railway station - Kirloskarwadi - 4 Kms
6. State Highway - Karad-Tasgaon - 4 Kms.

Raw material required -

1. Molasses - 223 Ton/day.
2. Nutrients - 160 Kg/day.
3. Turkey Red Oil - 150 Kg/day.

Other requirements -

1. Electricity - 1800 KW (supply from MSEB and own generation)
2. Diesel Generator - In case of need.
3. Manpower - 100
4. Water – Total water - 735 m³/day.
Fresh water - 280 m³/day. Remaining water will be reused after treatment on waste water.

Manufacturing process –

There are three processes i.e. Molasses, fermentation and distillation.

Waste water treatment and pollution control –

The waste water will be reused after bio-oxidation and tertiary treatment in CPU. Spent wash will be supplied to MEE. After evaporation, it will be sent for reuse to CPU.

Spent wash –

Concentrated spent wash will be burnt along with coal in 22 TPH boiler. The ratio of spent wash and coal will be 70:30 and the ash will be used as manure for agriculture or supplied to brick manufacturing units.

Air Pollution Control -

There will be no emission of hazardous gases. To control dust and CO emission coal of good quality will be used as fuel. Stack of 75 meters along with blowers will be provided. Molasses will be carried through closed pipe. Fermentation tanks will be closed. Air monitoring/analysis reports will be submitted to government.

Solid waste generation, treatment and disposal –

1.	C.P.U. Sludge	-	40 Kg/day.
2.	Residence	-	0.5 m ³ /day.
3.	Office	-	0.5 m ³ /day.
4.	Packing	-	0.5 m ³ /day
5.	Ash	-	44 Ton.
6.	Yeast Sludge	-	30 Kg/day.

The industry will comply all norms of M.P.C. Board in case of all solid wastes.

Green Belt Development –

As per rules, green belt will be developed on 33% land. The factory has already planted 4000 trees, 5000 more trees will be planted in next five years.

Environment Management -

Special team will be formed for environment management.

CSR –

Education, health facilities, road repairs, help to students, tree plants distribution, training programmes for farmers, lift irrigation and drip irrigation scheme, soil testing, health insurance for farmers and employees, subsidy manures, etc will be provided.

The location of the proposed project comply environmental norms also the industry assures that it will comply all environmental norms and also control pollution. Hence, permission should be granted to the proposed project.

After above presentation, Shri L. S. Bhad, Convener of the public hearing appealed the public to ask questions, suggestions, objections, complaints, opinions etc.

Thereafter, following questions-answers took place.

Q.1. Shri Pravin Prakash Jadhav, village Kundal, Tal: Palus, Dist. Sangli.

Will there generation of waste water from the proposed project ? What precautions will be taken for treatment of waste water ?

Ans.

The representative of the factory management replied that there will be generation two types of waste from the proposed plant i.e. soft water and spent wash. The soft water will be reused after treatment. All this water will be recycled and reused and the spent wash generated from

the distillery will be completely burnt along with coal. Hence, no spent wash will be left. Not a single drop will be discharged outside the distillery.

Q.2. Shri Vilas Mahadev Jadhav, village Kundal, Tal: Palus, Dist. Sangli.

What the location of the proposed project ? How much land will be required for the proposed project ? Whether the land is available with the factory to establish the distillery ?

Ans.

The representative of factory management replied that the factory has 51 hectares of land in which the proposed project will be established. The land adequate for the distillery. Total 7.5 to 8.0 acres of land will be required for the proposed distillery which is already available. There will be no compost yard.

Q.3. Shri Ramchandra Maruti Lad, village Kundal, Tal: Palus, Dist: Sangli.

What will be the benefits of the proposed project to the factory and the member farmers ?

Ans.

The representative of factory management replied that earlier the karkhana was selling the molasses of sugar factory. Now the policy of central government is to blend 10% ethanol with petrol which is going to be 20% in future. Ethanol is sold at Rs. 49.00 to 50.00 per litre and with this rate we will earn more profit. This benefit will be indirectly given to the members farmers of the sugar factory. They will also earn more rate for their sugarcane also there will be generation of employment. The karkhana management will give the exact figure. The profit from distillery will be equally distributed among the member farmers.

Q.4. Shri Sampatrao Jagannath Gaikwad, village Sawantpur, Tal: Palus, Dist: Sangli.

Maximum how many people from this area will be given jobs after starting the proposed project ? We wish that the factory management should give jobs to local people only ?

Ans.

The representative of factory management replied that there will be about 100 jobs including staff etc. and only people in this area will get the job.

Q.5. Shri Shri Ashok Pandurang Power, village Kundal Tal: Palus, Dist: Sangli.

Where will the waste water of the proposed plant be discharged through the pipe line and how will that waste water be used ? After treatment whether the waste water will be used for agricultural purpose or for any other purpose ?

Ans.

The representative of factory management replied that there will be no open gutters. All waste water will be carried through closed pipe line. Hence, there will be no odor. Secondly, after treatment, all the waste water will be reused in the distillery only. Hence, the waste water will not go outside. After treatment, the treated waste water will be used for gardening only and not for agricultural purpose. Shri. Anil Shinde, Distillery Manager said that the waste water generated from the distillery will be 100% reused in the distillery and even single drop of distillery waste water will go outside. The factory management has taken all precautions regarding this waste water. The waste water will be reused by providing modern system.

Shri Ashok Powar informed that the earlier waste water management system of the factory had some problems. It resulted in pollution of many lands and hence, I am asking this question. Shri Anil Shinde

replied that factory management has taken precautions to avoid any problems due to waste water and the waste water will be reused by providing modern system.

Q.6. Shri Sambhaji Kisan Salunkhe, village Dudhondi, Tal: Palus, Dist: Sangli.

You have informed that the ash left will be used as manure. But measures should be taken to control the ash emitted from stack. Because, two years ago, the farmers of village Bahirewadi had filed a case against M/s. Warana S.S.K. Ltd. for causing air pollution, and hence, the factory was closed for 20 days. After that, the factory provided air pollution control system.

Ans. Shri Anil Shinde told that E.S.P. system will be provided in the proposed project and hence, 99% ash will not be emitted. Stack will be provided as the norms of the government. Earlier, there were stacks having short height, but in the proposed project we are going to provide stack of 75 meters. Also E.S.P. will be provided in which ash will be collected. Hence, there will not be any air pollution.

Q.7. Shri Tanaji Maruti Jadhav, village Asad, Tal: Kadepur, Dist: Sangli.

During this environmental public hearing, presentation regarding proposed project was given, thereafter questions and doubts were raised by the public and by replying these questions, factory management has cleared these doubts. The sugarcane crushing of this sugar factory started in the year 2002-03 and the factory started receiving awards from next year. This sugar factory has won various awards including state government and central government awards. In this area, this sugar factory is running excellently from the beginning. Due to this factory, there is timely cutting of sugarcane in this area and also good rate for sugarcane is given by the factory which was not done by other sugar factories. Due to this sugar factory, the member farmers are getting benefits and also the employees of the factory are getting good salaries. The employees working in this sugar factory are local

farmers. And hence, there is positive change of this area. Due to proposed project, there will certainly be the development of this area, its villagers, members and also the factory for which the proposed project is necessary. Hence, I request that permission should be given for proposed distillery.

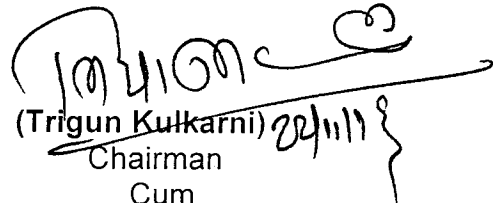
After above discussion, Hon'ble Chairman of the public hearing committee Shri Trigun Kulkarni thanked the people for peacefully conducting the public hearing. Finally, Shri L.S. Bhad, Convener of the environmental public hearing thanked all the people and concluded the public hearing after vote of thanks to the chair.



(L. S. Bhad)
Convener
Cum
Sub Regional Officer,
MPC Board, Sangli.



(Sou Sushma Kumbhar)
Field Officer
Representative of
Member- Regional Officer
MPC Board, Kolhapur



(Trigun Kulkarni)
Chairman
Cum
Add. District Magistrate
Sangli.