

**MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING OF M/S. PERNOD RICARD INDIA PVT. LTD., (PRIPL), FOR PROPOSED 60 KLPD GRAIN BASED DISTILLERY AT KADWA MHALUNGI, POST VALKHED, TAL. DINDORI, DIST. NASHIK:**

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The environmental public hearing of M/s. Pernod Ricard India Pvt. Ltd., (PRIPL), for proposed 60 KLPD grain based distillery at Kadwa Mhalungi, Po. Valkhed, Tal. Dindori, Dist. Nashik, Maharashtra, was arranged on 26<sup>th</sup> April, 2017 at 11.00 am., in the premises of M/s Pernod Ricard India (P) Ltd. (PRIPL) Survey No.126, Kadwa Mhalungi, Post Valkhed, Tal Dindori Dist. Nashik,

The Maharashtra Pollution Control Board has fixed the public hearing panel vide order No. E-31 of 2017, vide letter No. BO/JD(WPC)/PH/B-1650 dtd. 24/04/2017. In response to this, 1) the Chairman and the Additional District Collector, Malegaon, Dist. Nashik 2) the Member and Regional Officer, MPCB Nashik & 3) the Convener and Sub-Regional Officer, MPCB Nashik were present. As per the records total 283 nos. of persons attended the said public hearing. The organizers welcome the public hearing panel. The proceedings of the said public hearing started with the permission of the Chairman and Additional District Collector, Malegaon, Dist. Nashik. The introduction of the said public hearing is given by the Convener and Sub-Regional Officer, MPCB Nashik. The details are furnished as hereunder,-

The application was submitted to MPCB for conducting environmental public hearing for their proposed 60 KLPD grain based distillery at Kadwa Mhalungi, Po. Valkhed, Tal. Dindori, Dist. Nashik, Maharashtra.

As per Ministry of Environmental and Forest, Govt. of India, New-Delhi, Notification dtd. 14/09/2006 and as amended on 01/12/2009, public hearing is proposed to be conducted from environmental angle for above project. The public notice was published in Daily English & Marathi newspapers dtd. 24<sup>th</sup> March 2017 namely Daily Sakal and Times of India.

In the said notice it was mentioned that, all persons including bonafide residents, environmental groups and other located in the area can participate in public hearing suggestions, views, comments and objection about the project can be filed at the following address in writing within 30 days from the date of publication of the notice at Regional Office, Udyog Bhavan, 1st Floor, Near ITI Signal, Trimbak Road, MIDC Compound, Nashik – 422 007, Tel. No. 2365150/61, FAX No. : 2365140 & email : [sronashik@mpcb.gov.in](mailto:sronashik@mpcb.gov.in). No any representation was received during that period. In the said advertisement date, time, venue of the said hearing is mentioned.

The copies of the Environmental Impact Assessment (EIA) report / Environmental Management Plan (EMP) and Executive Summary containing the salient features of the project both in English and Marathi were made available at the following offices to the knowledge of concerned. Concerned persons were provided access to the EIA / EMP report, Executive Summary of above project during office hours at below mentioned offices.

1. Environmental Department, 15<sup>th</sup> floor, New Administrative Building, Govt. of Maharashtra, Mantralaya, Mumbai – 400 032.
2. Joint Director (Water Pollution Control), Maharashtra Pollution Control Board, Kalpataru Point, 3<sup>rd</sup> and 4<sup>th</sup> floor, Opp. Cine Planet, Near Sion Circle, Sion Matunga Scheme Road No. 8, Sion (E), Mumbai – 400 022.
3. Regional Office, Maharashtra Pollution Control Board, 1<sup>st</sup> Floor, Udyog Bhavan, Near ITI Signal, Satpur, Nashik – 422 007.
4. Sub-Regional Office, Maharashtra Pollution Control Board, 1<sup>st</sup> Floor, Udyog Bhavan, Near ITI Signal, Satpur, Nashik – 422 007.
5. District Collector Office, Nashik, Tal. & Dist. Nashik.
6. Zilha Parishad Office, Trimbak Naka, Tal. & Dist. Nashik.
7. District Industries Centre, Trimbak Road, Near Govt. ITI, Tal. & Dist. Nashik.

8. The Sub-Divisional Office, Dindori, Tal.- Dindori, Dist. Nashik
9. The Tahsil Office, Dindori, Tal.- Dindori, Dist. Nashik
10. The Regional Office, MIDC office, 2<sup>nd</sup> floor Udyog Bhavan Near ITI Signal, Satpur, Dist.- Nashik
11. The Chief Executive Officer, Nagar Panchayat, Dindori. Tal. Dindori Dist. Nasik.
12. Gram panchayat offices of Villages taluka Dindori:  
Umrle (Khu), Mheluske, Kadwa - Mhalungi , Hatnore, Lakhamapur, Pimparkhed, Nalwadpada, Nalwadi, Nigdol, Ozarkhed, Parmori, Dindori, Palkhed, Madkijamb, Vanarwadi, Pimpalgaon (Ketki), Karanjwan, Valkhed, Awankhed, Indore & Pade

All the persons including bonafide residents, environmental groups and other located in the area can participate in public hearing and oral and written suggestions, views, comments and objection about the project can be filed. The public hearing report will be submitted to the Government along with the CD of the said hearing.

The convener and the Sub-Regional Officer, MPCB Nashik, requested to the project proponent to give information along with presentation about the proposed expansion project with the permission of the Hon'ble Chairman and the Additional District Collector, Malegaon, Dist. Nashik.

The project proponent has given information along with presentation about the proposed expansion project is as hereunder,-

This public hearing is being conducted by Maharashtra Pollution Control Board Nasik for proposed 60 KLPD grain based Distillery. This hearing is called for the environmental clearance for proposed 60 KLPD Grain based distillery of Pernod Ricard India P. Ltd. This project is proposed on Survey No.126, 127&110, Kadwa Mhalungi, Post -Valkhed, Tal – Dindori, Dist.- Nashik.

This project is based on Zero liquid discharge technology and the information regarding the same is being given in this regard. Our aim is to present this environment study in a very simple and easy way so that, it is understood to all. As per Environment Impact Assessment (EIA) Notification 2006 & amendment in 2009, the industry of this category requires permission from Ministry of Environment and Forest (MoEF), Government of India. This Environment study is important to control or minimize the adverse effects on environment.

Pernod Ricard India Pvt. Ltd. is the India's largest & famous company in Alcohol and Alco brew IMFL manufacturing. The proposed new 60 KLPD Grain based distillery project is to be located at Kadwa Mhalungi, Tal Dindori, Dist. Nashik, Maharashtra. The area requires for this project is 32.8 Acre and it is already available with the company. We got Terms of Reference (TOR) file no. J- 1101/171/2016 IAA 2(A) Dated 7th September 2016, from Ministry of Environment and Forest. This project report is completed as per guidelines given by MOEF & MPCB Maharashtra.

The total land for project is a 32.8 Acre and NOC is received from village Kadwa Mhalungi Grampanchayat. Water requirement is 597 KLPD which will be lifted from Karanjvan dam as per agreement with Irrigation Department. Electricity requirement is 1690 KW per hour. So we have planned Captive power generation of 1.7 to 2 MW/Hr. Fuels used for Multi fuel Boiler is coal and agro husk. Coal consumption will be 3.5MT/ Hours or Agro husk will be 7MT/Hour. Total steam generation will be 18-20 MT/Hours. The steam generated will be used for in-house captive power generation, which we are not purchasing from outside. Total working days for the distillery will be 330 days which was granted to us in TOR. The total cost of entire project is 100 crore and for environment management planning cost is 4.5 crore.

The Raw Material, Production capacity & Particulars are given as hereunder,-

The Grain consumption is 160 MT per Day and storage capacity is 7500 MT. The

Chemicals requirement per day is as below

1. Alfa amylase - 60 KG,
2. Amyloglucosidase-80 KG.
3. Neutrase - 10 KG,
4. Antifoam agent- 200 KG
5. Sodium Hydroxide – 70 KG
6. Sulfuric acid-70 KG.
7. 46% nitrogen urea - 150 KG
8. Dry yeast 1Kg/KL.

The Production of ENA is 60 KLPD and Impure (TA) will be 3 KLPD. All the raw material will be purchased from local market.

Further, the representative of the industry informed that, Environment studying area is around 10 KM from the company place and it has created a future planning of the environment to avoid any adverse impact on Environment. This study period was from 1<sup>st</sup> October 2016 to 31<sup>st</sup> December 2016 as per guideline from MoEF.

Following parameters were studied and observed during this period.

Air quality samples ( for the parameters PM 10, PM 2.5, SO<sub>2</sub>, NO<sub>x</sub>, CO etc.,) from 9 places were collected ( i.e. Industry site, Pade, Dindori, Umrade, Karanjwan, Lakhmapur, Awankhed, Kadwa Mhalungi & Hatnore etc.,) in three months and its frequency was two times in a week. The results of the air quality monitoring are observed within the prescribed limits.

The sound levels were measured at 9 locations (i.e. Industry site, Pade, Dindori, Umrare, Karanjwan, Lakhmapur, Awankhed, Kadwa Mhalungi & Hatnore etc.) and the levels of the sound measurement are observed within the prescribed limits.

The water quality samples were collected (for the parameters Colour, pH, TDS, COD, E-Coli, etc., ) from 16 places ( i.e. Industry site, Pade, Dindori, Umrare, Karanjwan, Lakhmapur, Awankhed, Kadwa Mhalungi & Hatnore, Indore, Nalwadi, Nigdol, Walkhed, Ozarkhed, Dhaman river –upstream Madki jam, Dhaman river – down stream Madki jam, Kolwan river – upstream Nalwadi, Kolwan river – down stream Walkhed, Kadwa river upstream Mheluske, Kadwa river – downstream Awankhed etc.) and the results of the water samples are observed within the prescribed limits except E-Coli.

The soil samples were collected from 11 places ( i.e. Industry site, Pade, Umrare, Karanjwan, Lakhmapur, Awankhed, Kadwa Mhalungi, Indore, Nalwadi, Nigdol, Walkhed, Ozarkhed, etc.) and the quality of soil is good.

The Hydro-geological study was also done for one time in this period. The study of Social environment area was done in 10 KM radius from the place of new project site.

The Environment Monitoring Programme as hereunder,-

## **1. Air Quality Management :**

### Process Emission

- Bag filters shall be provided for PM emissions.
- CO2 scrubber shall be provided to scrub CO2 emissions in water.
- The whole process will be carried out in closed condition so as to avoid any chances of VOC emissions.

**Utility Emission:**

- Adequate stack height shall be provided to boiler and DG Sets.
- Electrostatic precipitator shall be provided as an air pollution control device to the boiler with approximately 99% efficiency to capture maximum boiler fly ash.

**Fugitive Emission :**

- Bag filters/ Dust collectors shall be installed at loading-unloading section to minimize the PM emission at the site.
- Dust suppression on haul roads shall be done at regular intervals.

**2. Water & Wastewater Management :**

- The proposed Grain based distillery would be based on “Zero Liquid Discharge” technology.
- The Spent wash shall be treated through Centrifuge Decanters followed by MEE and dryer and shall be converted into DDGS which shall be used as cattle feed as it contains higher protein and fiber content.
- The CPU will be provided for wastewater from other streams.
- The Domestic wastewater will be disposed off through septic tank followed by soak pit system.

**3. Noise Management :**

- Closed room shall be provided for all the utilities so as to attenuate the noise pollution.
- Acoustic enclosure shall be provided to D.G sets.

**4. Odour Management :**

- Odour shall be primarily controlled at source by good operational practices, including physical and management control measures.
- Control of temperature during fermentation to avoid in-activation killing of yeast.
- Regular use of bleaching powder in the drains to avoid generation of putrefying microorganisms.

**5. Solid & Hazardous Waste Management :**

- The hazardous waste i.e. spent oil generated shall be very minor and shall be burnt in boiler along with fuel/ CHWTSDF/ sold to authorized dealer.
- Solid waste such as CPU sludge shall be used as manure as it is non hazardous.
- DDGS and Yeast sludge mixed in DDGS will be used as cattle feed.
- Boiler Ash shall be sold to brick manufacturers.

**6. Traffic Management :**

- The trucks carrying raw material & fuel shall be covered to reduce any fugitive dust generation.
- Good traffic management system shall be developed and implemented.

**7. Green Belt Development / Plantation :**

- It is proposed to plant 7300 nos. of trees. The Plantation shall be done as per Central Pollution Control Board (CPCB) Norms.

**8. Corporate Social Responsibility :**

- An amount of INR 2.5 Crore (2.5% of total project cost) will be allocated for CSR activities in the coming 5 years.

**9. Occupational Health & Safety :**

- Pernod Ricard shall monitor the health of its worker before placement and periodically examine during the employment.
- All safety measure will be taken during operation of plant.
- PPEs will be provided



The Member and Regional Officer, MPCB Nashik informed that, today's hearing is environmental public hearing hence; those who want to raise any query/objection/suggestions/comments etc., may please be raised & before raising the query plz tell name, village name, profession etc., The written complaints may also be submitted if anybody wants to do so.

Minutes of the public hearing (Proceedings)

Sr. No.	Name, Address and Queries/points/comments raised by the general public	Reply given by the project proponent / Authority / Representative	Suggestions / Comments of the Public Hearing Panel
1.	The Chairman and the Additional Collector, Malegaon raised a query regarding selection of sampling period / study period in Oct. and Nov. & further asked logic behind the same or whether it is as per your programme.	The representative of the industry informed that, the selection of sampling period / study period is finalized considering the guidelines of the MoEF and CPCB.	
2.	The Chairman and the Additional Collector, Malegaon raised a query regarding the collection of water samples from 16 location in one season only, what will be the impact if same can be collected in other seasons and further, asked the Public Hearing Member & Regional Officer, MPCB Nashik, about the reply given by the representative of the industry regarding collection of sample.	The representative of the industry informed that, this is a proposed project hence as per the guidelines of MoEF and CPCB the water samples are collected. The said water samples are collected for the study of water quality in the area.	
3	The Chairman and the Additional Collector, Malegaon raised a query that, you have taken the samples of water from 16 places in one season only. Have you studied the impact on water sample in other seasons?	The representative of the industry informed that, as per composite and rapid study and as per MoEF and CPCB guidelines you have to study and carry out the water sample analysis in these months only.	


4	The Public Hearing Member & Regional Officer, MPCB Nashik asked that, have you taken any water sample for analysis in earlier period or have you carried out any survey regarding the water sampling? Why you select this 16 locations.	The representative of the industry informed that, they have already taken water samples of the existing plant as per CPCB guidelines. We have to carry out the sampling from 09 locations as per the guidelines, but they've selected these 16 locations considering the geography of the area.	
5	The Chairman and the Additional Collector, Malegaon raised a query that, have your area comes under these 16 locations.	The representative of the industry informed that, the said locations are in the periphery of their area.	
6	The Chairman and the Additional Collector, Malegaon raised a query that, are you taking care of nearest agriculture area as you have shown that your proposed plant is surrounded by 52% of agricultural land.	The representative of the industry informed that, they are taking due care for treating the effluent water and reuse, recycling it in the process. We also built a 62.5 meter stack in the company to prevent air pollution with ESP of 99.9% efficiency in place. Ash stored in closed silo and send to bricks manufacturer by closed containers.	
7	Mr. Ravindra More, Sarpanch, Karanjwan raised a query that, What is your planning of ash?	The representative of the industry informed that, they have a plan to build a 62.5 meter stack in the company to prevent air pollution with ESP of 99% efficiency in place. Ash stored in closed silo and send to bricks manufacturer in closed containers..	
8	Mr. Dattatray Bomble, Valkhed raised a query regarding preventive measures to be taken for air pollution control in the environment?	The representative of the industry informed that, they are planning to install 62.5 Mtrs of stack and also installing the ESP of efficiency 99%. We have also planned to plant 7300 trees in and around the factory premises.	
9	Mr. Narayan Motiram Ganore,	The representative of the industry	

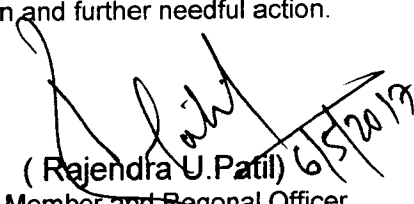
	Khadak Sukene raised a query regarding type and qty of fuel to be used in boiler?	informed that, they have planned to install multi-fuel Boiler, The fuel used is Coal or agro Husk. Quantity of Coal is 3.5 TPH and Agro husk 7 TPH.	
10	Mr. Bajirao Karde, Mheluske raised a query regarding quantity of grain to be consumed?	The representative of the industry informed that, they will consume Grain – 160 MT/d. like, Jawar (Sorghum) and secondly broken rice. It is of lower quality.	
11	Mr. Sharad Mhalsane, Sarpanch, Nigdol raised a query that, why they are planting only 7300 trees?	The representative of the industry informed that, initially we have planned to plant 7300 nos. of trees and in future plantation will be increased accordingly.	
12	Mr. Sunanda Reddy, Environmentalist raised a query regarding facilities to be provided for health services, to give preference to the local persons for the jobs, to create skill development program for Local people and steps to be taken for environment protection.	The representative of the industry informed that, during last few years our company has provided free checkup & medicines to the patients residing in the nearby villages. Our company is giving priority in job to the local area persons. The skill development plan will be undertaken. We have already undertaken air pollution control measures and same will be upgraded as per the requirements. For environment protection, we have planned to plant 7300 trees in and around the factory premises.	
13	Mr, Jadhav, Gramsevek, Kadwa Mhalungi asked regarding environment study is done for present or future plant? Give information. Will MPCB take care of any pollution issue to be arises in future?	The representative of the industry informed that, they have carried out the study on existing plant as well the proposed plant. MPCB has already granted necessary permissions / consents and periodically review of the pollution control arrangements are taken by the MCPB.	The Chairman and the Additional Collector, Malegaon asked Mr. Jadhav If he has any pollution problem with existing plant?


		Mr. Jadhav replied that, he has no any pollution problem regarding existing plant.	
14	Mr. Narendra Jadhav, Sarpanch, Avankhed raised a query regarding care to be taken for their agricultural farm in future & care to be taken for planted trees & whether the industry will build school or Engineering colleges?	The representative of the industry informed that, we have planned for ZLD, to provide pollution control arrangements and to plant and maintain 7300 nos. of trees in and around the factory premises. The decision regarding building school or Engineering colleges is a policy decision and will be taken by the higher authorities.	
15	Mr. Ragnath Patil, Valkhed raised a query regarding steps to be taken for environment protection.	The representative of the industry informed that, due care will be taken for environment protection.	

The Field Officer of Sub-Regional Office, MPCB Nashik, thanked to the public present. The said Public Hearing terminated with vote of thanks to the chair.

Submitted for information and further needful action.

  
(A.J.Kude)  
Convener and SRO  
MPCB Nashik.

  
(Rajendra U. Patil) 6/5/2017  
Member and Regional Officer,  
MPCB Nashik

  
(Dilip Swami.)  
Chairman and Addl. District Collector,  
Malegaon, Dist. Nashik.