

**MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING OF PROPOSED MANUFACTURE OF POLYESTER BASED RESIN & OTHER POLYESTER, FINISHING AGENTS & PREPARATIONS USED IN TEXTILE, SPENT METHENOL AND GLYCOL FOR M/S. RAN CHEMICALS PVT. LTD. AT KHASRA NO.45, MOUZA KHAPRI, POST KALAMBI, TEHSIL KALMESHWAR, DIST NAGPUR.**

Environmental Public Hearing in respect of proposed manufacture of polyester based resin & other polyester, finishing agents & preparations used in textile, Spent Methenol and Glycol. for M/s. Ran Chemicals Pvt. Ltd. At Khasra no.45, Mouza Khapri, Post Kalambi, Tehsil Kalmeshwar, Dist. Nagpur. Was conducted under the Chairmanship of Shri. Ravindra Khajanji, Additional District Magistrate (A representative nominated by the District Collector Nagpur). Shri. Rahul Wankhede, Regional Officer, M.P.C.Board, Nagpur was the member of the public hearing panel and Shri. Kiran Hasabnis, Sub-Regional Officer-I, M.P.C.Board Nagpur act as a convener. The Public Hearing started on 16/05/2018 at 11:00 AM. With the permission of the Chairman of the Public Hearing Panel. Attendance of the People present during the Public Hearing is attached as **Annexure-I**.

**BACKGROUND :-**

Expansion of Synthetic Organic Chemical plant is located at Khasra NO.45, Mouza Khapri, Post Kalambi, Tehsil Kalmeshwar, Dist Nagpur.

**Scope Of Study**

- Preparation of EIA report complying with the conditions of ToR given by EAC-II on its 17<sup>th</sup> meeting & standard ToR published by MOEFCC in April, 2015.
- Baseline data collection for different environment parameters for one non monsoon season (1<sup>st</sup> January 2017 to 31<sup>st</sup> march 2017).
- Impact assessment and suggestion of mitigation measures to minimize the impacts.
- Preparation of Environment Management plan and Environmental Monitoring Plan.
- Submission of Draft EIA/EMP report by incorporating details of Public hearing, view/observation and suggestion of local public and commitment made by project proponent.
- Submission of EIA/EMP with Additional Studies Reports to EAC-II for Final Technical Presentation.

**Study Area**

The study area for monitoring of environmental quality includes 10km radius from boundary of the project site. Site area covers the 10 Km radial study in Survey of India (SOI) topo-sheet nos. 55k/15& 55k/16.

**Ecology**

- No National Park, Wild Life Sanctuary, Bio-Spheres Reserve or Wind Life Corridor are present or identified in the Study area.
- Amaltas, Kachnar, Babool, Karanj, Neem, Teak, Shisham, Thendu, Karwand, Gudvel, Wild Saga And Bamboo are common flora species of the study area.
- As per secondary information Grey jungle fowl, Blue rock pigeon, Black drongo, Indian roller, Three striped palm squirrel, Rufous Tailed Hare, Pied kingfisher, Maral, Katla, Rohu are some common faunal species of study area.

## **Socio-Economic Study**

- Total population of the region as per 2011 census is 48430 out of which 25497 are male and 22933 are female.
- Total number of households in the region about 10706.
- Sex ratio (number of male per thousand female) in the region is 899 this shown that male population is higher in the region as compared to the female population.
- Out of the total population Scheduled Caste (SC) and Scheduled Tribe (ST) population is about 8608 (17.77%) and 5664 (11.71%) respectively.
- Total main worker population is about 36.18%, 6.64% comes under marginal worker category and 56.55% belongs to non-workers category.
- Literacy rate of the population in the study area is about 69.31%.

## **Air Pollution Management**

- Closed storage of coal has been already provided.
- Ash is being stored at safe place in existing unit. Same practices shall be continued in expansion unit also.
- Regular maintenance of Air Pollution Controlling Devices.
- Regular water sprinkling in and around the project site.
- Maintenance of all internal and main road.
- All storage, handling & transfer shall be done with properly designed facilities.
- Regular water sprinkling shall be carried out in and around the plant site.
- Thick green belt of 2 approx.. 33% of total plot area shall developed.
- Internal roads shall be concreted so that fugitive emission shall be minimized.
- Regular maintenance of vehicles with PUC.

## **Water & Waste Water Management**

- Regular chemical analysis of effluent at inlet and outlet point shall be conducted.
- All data shall be maintained related with ETP operation.
- No effluent/waste water shall be discharged out of the plant premises.
- All the chemicals will be stored and handled safely based on the requirement of MSDS.
- Preventive maintenance program will be developed and implemented.
- Separate arrangement shall be done for drinking water.
- Separate drainage system shall be done for effluent and storm water.

## **Solid & Hazardous Waste Management**

- Main solid and hazardous waste from the plant are Sludge from ETP, Spent Solvent, Discarded containers/barrels/bags, waste oil and other municipal solid waste.
- Company has already made agreement with DCHWTSDF (Butibori, Nagpur) for management of hazardous Waste.
- All hazardous Waste shall be disposed as per Hazardous and Other Waste (Management & Trans-Boundary Movement) Rule, 2016.
- All Construction Waste shall be managed as per Construction & Demolition Waste Management Rule, 2016.
- All Electronic Waste generated during construction of and operation phase shall be managed as per E-Waste Management Rule, 2016.
- Municipal Solid Waste shall be managed as per Municipal Solid Waste Management Rule, 2016.

### Odor Management Plan

- Odor generally generated from process, ETP & Sludge storage area.
- Avoid the direct contact of sunlight with odor producing material.
- Regular transportation of sludge and other odor producing material to CHWTSDF.
- Personal protective Equipment shall be provided to the workers while handling of chemical and raw material.
- Thick green belt shall be developed which help to restore the aesthetic value.
- Ensure the proper housekeeping.
- Proper aerobic condition will be maintained in effluent Treatment Plant.
- Spraying of anti-odor chemical wherever required.

### Greenbelt Development

- Green belt will be developed along plot boundary for width of 3 to 5 meters using varieties of plant species suitable to local environment.
- Approx.33% of total area shall be developed under greenbelt.
- Species type will be selected based on soil characteristics, and other related aspects to mitigate pollution effects due to noise, odor, dust etc.
- The plant species will be as per EIA, and MOEFCC/CPCB guideline.

### PURPOSE AND PROCEDURE :

With the permission of Chairman of Public Hearing the Sub-Regional Officer-I, MPCB, Nagpur has started Public Hearing by welcoming the Chairman and Member of the public hearing panel, local citizens from the village and others present. Chairman of the Public Hearing Panel stated that, this Public Hearing is for recording the views/objects/suggestions of the participants regarding the project. The same will be communicated to the Government. He also clarified that this panel is not here to take decision for accordance of any approval to the project. He then appealed the participants of express their views.

Sub-Regional Officer-I, MPCB, Nagpur explained the purpose of conducting this public hearing that as per MoEF, GOI Notification SO 60(E) of 27<sup>th</sup> January, 1994 and amended on 14<sup>th</sup> September, 2006. The notices for the public hearing was published in two local widely circulated news papers i.e. the 'Hitvada' (English) and 'Dainik Sakal' (Marathi) on 13/04/2018. Copies of the same are enclosed as **Annexure-II**. Copies of the executive summary / EIA containing salient features of the project & EIA both in English and in Marathi and other information/documents were made available to the public by making these documents available in various Govt. offices as well as local Gram Panchayat as per MoEF GOI Notification. Suggestions, comments and objections of the public were called in writing till before the date of Public Hearing from the publication of the notice. The public hearing panel was constituted vide MPC Board Office Order No. E-26 OF 2018 vide letter No.BO/JD(WPC)/PH/B- 1870 dtd.14/05/2018. Copy of the same is enclosed as **Annexure-III**.

Thereafter, Sub-Regional Officer-I, Nagpur and Convener requested the project proponent to give their detail presentation about the project and the Environmental issues related with it. Accordingly, representative of the project proponent gave detailed power point presentation of the project in local language as under:

He explained regarding project location, benefits of proposed project, proposed facilities, fire fitting facilities, process description, description of environment and identification of anticipated impact, Land environment, climate and meteorology, Air Environment, water consumption, biological environment, socio-economic environment, impact on local infrastructure, environment management plan, air emission, preventive maintenance / inspection,

### **PROCEEDINGS :-**

**1) Shri. Vitthal Kadu, Nidhi.**

- Smell nuisance problems occurred due to existing operation of the company and there are health problems occurred due to smell nuisance.
- Due to air & water pollution from existing operational industry resulted into pollution of air and water.
- Project proponent shall carry out health study of nearby villages w.r.t. pollution.

**2) Shri. Sandeep Bhojar.**

- Smell nuisance problems occurred due to existing operation of the company resulting into health problems and damage of crops.
- Project proponent shall explain how much local employment will be generated due to proposed project.

**3) Smt. Ramatai Borkar, Sarpanch, Peth Kaldongri.**

- Project proponent shall due care so that, the problems of pollution will not occur in future.

**4) Shri. Dilip Pradhan, Police Patil.**

- Smell nuisance problems occurred due to existing operation of the company resulting into health problems and damage of crops.

**5) Shri. Chandrakant Nigode.**

- Well water is get contaminated due to the company and hence the analysis of the well water shall be carried out.

**6) Shri. Sudam Sitaram Bambal, Sarpanch, Nimji.**

- Smell nuisance problem arises due to operation of existing company. Hence, industry shall take due care to minimize the smell nuisance problems.
- Project proponent shall reserve fund under CSR and this funds shall spent on the development of nearby Grampanchayat.
- Project proponent shall give the employment to the nearby people.

**Shri. Rahul Wankhede, Member of the panel (Regional Officer, M.P.C.B. Nagpur).**

- Project proponent has not submitted the details of reserve fund and its utilization under CSR activity and also not submitted the generation of skilled and unskilled employment in the presentation and EIA & EMP report. He instructed project proponent to incorporate the details of CSR fund and employment generation figure.
- Project proponent shall give financial assistance to nearby people for their health problem and health facilities.
- Project proponent shall reserve 2% amount under CSR fund and shall be utilized for health facilities specifically for women's and provision of solar power etc.

**Project Proponent:-**

- Project proponent assured that, they will minimize the smell nuisance problems by adopting new technology.
- Project proponent explained that, they have stop use of coal fired boiler, hence the pollution problems get reduced also the use of effluent generated from boiler activity is also reduced.
- Project proponent has provided air pollution control system like bag filters to control air emissions and due care will be taken so that, it will be under the prescribed limit.
- Project proponent shall provide employment to the nearby villagers and if any candidate is unskilled and not fit for job, then training program will be arrange for them and the job will be given to skilled candidate.
- The 2% fund under CSR will kept separately for development of nearby people like health facilities to women, provisions of solar energy, provision of bore well. This fund will be used in consultation with the nearby Grampanchayat and people.

**Shri. Ravindra Khajanji, Chairman, Public Hearing Panel (Additional District Magistrate, Nagpur).**

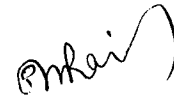
He explained that, the questions like employment to nearby villagers, training programs for unskilled candidate, utilization of 2% funds under CSR for development of nearby people like health facilities to women, provisions of solar energy, provision of bore well. This fund will be used in consultation with the nearby Grampanchayat and people arises in the public hearing. Accordingly, project proponent has assured that, they will resolve all the demands of the nearby people. He also instructed project proponent to take due care to minimize the smell nuisance problems Project proponent also present their views and time bound program regarding question raised in the public hearing. The public hearing is completed in friendly atmosphere some good points are come. Thus, he declared the public hearing is ended.



(Kiran Hasabnis)  
Sub-Regional Officer  
MPC Board, Nagpur-I  
& Convener of the Public  
Hearing Panel



(Rahul Wankhede)  
Regional Officer,  
MPC Board, Nagpur  
& Member of the  
Public Hearing Panel



(Ravindra Khajanji)  
Additional District Magistrate,  
Nagpur & Chairman of the Public  
Hearing Panel