

**PROCEEDINGS OF THE PUBLIC HEARING FOR THE PROPOSED FERTILIZER COMPLEX CONSISTING OF 2200 TPD AMMONIA PLANT AND 3850 TPD UREA PLANT ALONG WITH 33 MW CPP AT PANAGARH, DIST: BURDWAN, WEST BENGAL, PROPOSED BY M/S MATIX FERTILIZERS & CHEMICALS LTD HELD ON 09.12.2009 AT 12:00 HRS. IN THE MEETING HALL OF AUSGRAM-II PANCHAYAT SAMITY, DIST-BURDWAN, WEST BENGAL**

M/s Matix Fertilizers & Chemicals Ltd Limited submitted an application to West Bengal Pollution Control Board for conducting Public Hearing for the proposed fertilizer complex consisting of 2200 TPD Ammonia Plant and 3850 TPD Urea Plant along with 33 MW CPP at Panagarh, Dist: Burdwan, West Bengal. As per the EIA notification S.O. 1533 dated 14th September 2006 of the MoEF, Govt. of India, Environmental Clearance of the said project is required to be obtained after conducting Public Hearing.

Accordingly, after observing all formalities, West Bengal Pollution Control Board conducted the Public Hearing on 09.12.2009 at 12:00 hrs in the Meeting Hall of Ausgram-II Panchayat Samity, Dist-Burdwan, West Bengal. Panel members were present in the hearing. There was a considerable gathering in the hearing. List of the panel members and the others present in the public hearing are enclosed.

The hearing started with a welcome note from Sri S. Narayan, Senior Environmental Engineer, WBPCB. He explained about the EIA notification. He requested Sri Abhijit Mukhopadhyay, Additional District Magistrate (LA), Burdwan to preside over the hearing. Sri Abhijit Mukhopadhyay, Additional District Magistrate (LA), Burdwan welcomed the audience & presided over the hearing. Then he requested the project proponent to deliver their presentation and requested the audience to raise their queries after the presentation is over.

The technical representative of the project proponent (PP) welcomed the audience on behalf of the project proponent and explained the activity of the proposed unit through the audio-visual version of the PowerPoint presentation. The project proponent covered the topics about the project details including the project location, project description, monitoring station details, baseline data collection, CBM utilization, EMP, greenbelt development, Corporate social responsibility, project benefits, employment generation, setup of ancillary industries, etc.

Sri Abhijit Mukhopadhyay, Additional District Magistrate (LA), Burdwan requested the PP to explain about the ambient air quality standard. He also wanted to see the WBIDC's lease documents corresponding to 600 acres of land for the project. The technical representative of the project proponent replied that they would comply with the latest amendment of the ambient air quality standard and their baseline data shows that the parameters of the air pollutants are much below than the National Ambient Air Quality Standard. In the reply of the ADM's question on land acquisition, Mr. Chaman Gupta, Vice President, M/s Matix Fertilizers & Chemicals Ltd has informed that 90 acres of land has already been acquired and rest of the required land is under the acquisition process.

Sri Abhijit Mukhopadhyay, Additional District Magistrate (LA), Burdwan requested the audience to raise their questions and/or opinions, if any.

Sri Shankar Bagdi & Sri Tapas Mondal of village Pondali and Sri Shymal Mondal of village Kotagram expected local development & local unskilled employment for the local farmers & land -losers, good R&R packages & arrangement of vocational training from the PP. Sri Shymal Mondal has also proposed for setup of a local monitoring committee.

Sri Kohinoor Ganguly from Kotagram wanted to know about the water treatment & storm water management system.

Sri Biresh Mondal, former Sabhapati of Kanksa Gram Panchayat welcomed the project & informed the farmers & the land -losers are getting the compensation and expected the PP should look after the pollution control measures.

Sri Ashok Konar, ex-Pradhan, Kotagram expected local employment & availability of manure in the local market. He also proposed whether the treated effluent from the plant could be utilized as the irrigation water.

Sri Dayaram Bagdi of Kota Gram, Sri Basudev De, a local teacher and Sri Indranath Mukherjee welcomed the project expected that the PP would take all the precautionary & safety measures during the operational phase.

(Contd.)

Sri S. Narayan, Senior Environmental Engineer, WBPCB opined on the fact that, while finalizing the EIA and EMP, the PP should incorporate the outcomes of the opinions of the attendants of this public hearing. He also insisted on the fact that, the project proponent should carry a HAZOP study and should consider the following points while finalization of the EIA-EMP—

- The layout of each process block along with master layout should be incorporated in final EIA-EMP.
- The land acquisition should be shown in details showing the acquired land and the land to be acquired.
- Permission from the DVC should be obtained for the usage of 1413KL/Hr water supply from Damodar River.
- Downstream scenario after withdrawal of 1413KL/Hr water from Damodar River should be explained considering the lean period flow.
- Rainwater harvesting scheme & watershed management plan to be indicated in the layout map.
- The emission details should be tabulated for each of the existing / proposed devices/furnaces with the corresponding details of stacks & APC devices.
- The management, handling, treatment, storage & disposal should be done as per as per the Hazardous Wastes (Management and Handling) Rules, 1989 and its subsequent amendments.
- 'Zero discharge' condition should be maintained for effluents through the efficient operation of ETP & STP.
- Ammonia detection system should be operational in all strategic locations.
- Provisions should be made for monitoring of safe handling of hazardous catalyst in case of any spillage.

Mr. Chaman Gupta, Vice President, M/s Matix Fertilizers & Chemicals Ltd has assured that, there is almost no chance of leakage & spillage of chemicals, since they are using the advanced KBR technology for the production of ammonia & urea. He has also clarified that, they are going to implement the distributed control system utilizing PLC, storage of chemicals at atmospheric pressure & automatic shutdown system for avoiding any accidental emission/leakage/spillage and for ensuring maximum precaution & safety.

Sri Soubhik Ganguly AEE, WBPCB wanted to know how the PP will achieve 99.15% yield of urea. In reply to his question Mr. Chaman Gupta, Vice President of the unit stated that they are going to use such an advanced technology that it is feasible to achieve the targeted production efficiency. He has appreciated the questions raised during hearing mentioned above and assured that they would take all possible measures for maintaining the Environmental Norms. They have also assured that they would address all the issues mentioned above and incorporate the same while finalizing the EIA and EMP. He informed that they would conduct the HAZOP analysis during the engineering study for the project.

Sri Abhijit Mukhopadhyay, Additional District Magistrate (LA), Burdwan appreciated the proposal taken by M/s Matix Fertilizers & Chemicals Ltd during the public hearing and expressed his hope that the expansion project would be implemented as per the commitment made by the proponent and would be maintained in such a manner that the unit would comply with the environmental norms. He has also advised PP for conducting a socio-economic survey in that locality & requested the PP to help setup a soil testing lab in assistance with state government departments.

In general, the public present in the hearing welcomed the expansion project provided the PP incorporates all the pollution control measures proposed by the Project Proponent. Finally, Sri Abhijit Mukhopadhyay, Additional District Magistrate (LA), Burdwan concluded the session with vote of thanks.

Sd/-  
Sri S. Narayan,  
Senior Environmental Engineer  
West Bengal Pollution Control Board

Sd/-  
Sri Abhijit Mukhopadhyay,  
Additional District Magistrate (LA), Burdwan  
Government of West Bengal