

MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING HELD ON 05.11.2016 AT ZP HIGH SCHOOL, MANDAVALLI (V&M) KRISHNA DISTRICT FOR THE PROPOSED DRILLING OF TWO SHALE GAS AND OIL EXPLORATORY DRILLING WELLS IN KRISHNA - GODAVARI BASIN BY M/S. OIL AND NATURAL GAS CORPORATION LTD., AT KOMALLAPUDI (V), KURTHIVENNU (M) AND MODUGUMUDI (V), MANDAVALLI (M), KRISHNA DISTRICT.

PANEL MEMBERS:

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| 1. Sri Gandham Chandrudu, IAS | Chairman,
Joint Collector & Additional
District Manager, Krishna Dist. |
| 2. Sri M.Narayana,
Environmental Engineer (FAC) | Rept. of A.P. Pollution Control
Board, Regional Office,
Vijayawada, Krishna Dist.,
Andhra Pradesh. |

Industry Representatives:

1. Dr.P. Chandrasekaran, GM-Basin Manager KG Basin,
M/s. Oil and Natural Gas Corporation Ltd.,
2. Sri A.V.V.S Kamaraju, GM-Head Forward Base KG Basin
M/s. Oil and Natural Gas Corporation Ltd.,

At the outset, the Environmental Engineer (FAC), APPCB, RO, Vijayawada has welcomed the public gathering of the Environmental public Hearing and explained that M/s Oil and Natural Gas Corporation Limited submitted proposals to undertake two shale gas and oil exploratory drilling wells at Komallapudi (V), Kruthivenu (M), and Modugumudi (V), Mandavalli (M), Krishna Dist with an investment of Rs.80 crores. He further informed that as per the Ministry of Environment, Forests & Climate Change, GOI Notification, dated 14.09.2006, for the projects listed in Category-1 of the Schedule, Environmental Public Hearing is mandatory to be conducted as part of obtaining Environmental Clearance (EC). Since the proposed project is listed in the schedule the Environmental Public Hearing need to be conducted for this project. In accordance with the procedure prescribed for the public hearing in the MoE&F notification dt. 14.09.2006, the AP Pollution Control Board, Vijayawada issued press advertisement in Eenadu (Telugu) and The Hindu (English) News Papers on 05.10.2016 about the environmental public hearing inviting concerns of the public opinion viz., comments, views, objections, apprehensions, clarifications and suggestions etc., if any, on the project proposal in writing from the public, bonafied residents, environmental groups and others located near the proposed project area likely to be affected for a minimum period of 30 days. He added that the copies of Draft Environmental Impact Assessment / Environmental Management Plan (EIA/EMP) report and the Executive Summary in Telugu & English were made available to the Public as mentioned in the press notice. During the period of 30 days from the date of issue of advertisement, the AP Pollution Control Board has not received any representations against the proposed activity.

The waste water generated during the operations will be collected in the HDPE lined waste pits and recycled/reused after treatment with mobile Effluent treatment plant (ETP). No waste water will be discharged into water bodies.

At about 5-10TPD of drill cuttings will be generated and drill cuttings will be collected in the HDPE lined waste pit. These cuttings are non-toxic and non-hazardous. After completion of drilling these pits will be covered with native top soil.

The air emissions are mainly from operating DG sets. The air impact prediction has been carried out for DG set stack emissions using standard models. The predicted maximum GLC values of common pollutants like PM, SO₂, NO_x, CO, are well within the regulatory standards. Approximately 0.5MT of spent oil will be generated during drilling of each well and will be collected in drum. The spent oil and used batteries will be sent to base stores for further disposal through authorised recyclers.

There is no eco-sensitive Bio-sphere exists within the study area of the proposed project. The impact on community health due to the proposed drilling activity will be negligible but at the same time social status will improve due to increase employment opportunities. There will be positive impact on transportation, communication in the region.

The Joint Collector, requested the public to express their opinion without any hesitation. Whatever the opinion expressed by the public would be recorded in the form of minutes and the same would be submitted to the Ministry of Environment & Forest and Climate Change, Govt. of India, New Delhi for scrutiny while considering the issue of Environmental Clearance to the proposed project.

Smt. Ambati Buchamma & Smt. Vemuri Kanthakumari, Modugumudi (V), Mandavalli (M), Krishna district : They raised their objections, for non-payment of lease amount for the land taken over by M/s. ONGC for the present drilling Rig. They requested to arrange lease amount at the earliest.

Sri Gudavalli Koteswara Rao, Sarpanch , Modugumudi (V), Mandavalli (M), Krishna district: He informed that the proposed Drilling Rig would be nearby to their village, due to which there would be Air, Water, land and noise pollution to the villages. The project proponent shall strictly implement the pollution control measures for control of pollution. Because of plying of heavy vehicles of ONGC, the village roads would get damaged besides causing lot of fugitive dust emissions. He demanded the ONGC to lay BT roads in the villages.

Sri Kolla Veerabadrarao, Modugumudi (V), Mandavalli (M), Krishna district: He requested the project proponent to take over his land, which is existing nearby to the proposed drilling rig in an extent of 1(one) acre, towards West side to rig and requested to pay lease amount for his land.

Sri Ch.Venugopal President, Federation of Farmers Association, Guntupalli: While welcoming the project he requested the Joint Collector to resolve the issues relating to land acquisition and compensation to farmers.

Sri V.GovardhanaRao, Modugumudi (V), Mandavalli (M), Krishna district: While welcoming the project he requested the project proponent to take over his land on lease basis which is existing nearby to Drilling Rig.


compensation shall be paid for a period of 3 years after completion of their activities as the land is not suitable for agriculture purpose, immediately after drilling activities. He further demanded for supply of drinking water, laying of BT Roads in the villages before start of their activities and take all the required measures for control of water and air pollution.

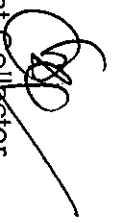
Sri Vootkuri Sunanda Reddy, Environmentalist, President, Dharithri Paryavara Parirakshana Samstha, Nalgonda: while welcoming the project, he expressed the following:

1. ONGC shall take required steps to protect the ecological balance in the surroundings.
2. To collect the data of the health status of the people, crop, production status and ground water availability status within 10KMs radius where the drilling of two shale gas and oil exploratory wells proposed to be taken up,
3. To construct rain water storage tanks for collection of rain water during monsoon.
4. To take up plantation nearby the surrounding villages in addition to the plantation proposed in the project area.
5. Skill development training to unemployed youth and employment to the local people.
6. To form co-ordination committees with villagers to take up plan of action for utilization of CSR funds.

The Joint Collector, While concluding the public hearing summed up the public opinion expressed and informed that the minutes recorded along with the response of the project proponent on the points raised shall be submitted to MOE & CC, GOI for taking a decision.

The Environmental Engineer, AP Pollution Control Board proposed vote of thanks for the Chair.


Environmental Engineer (FAC)
APPCB, VJA


Joint Collector
&
Additional District Magistrate
Krishna Dist

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