

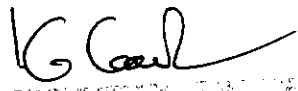
MINUTES OF THE ENVIRONMENTAL PUBLIC HEARING FOR THE PROPOSED MANGANESE ORE BENEFICIATION UNIT OF M/S. RADHIKA METALS AND MINERALS, R.SY. NO. 67/1 & 67/3, CHINTAPALLIPETA (V), GURLA (M), AND R.SY. NO. 86/1, 86/2 & 86/3, SERIPETA (V), GARIVIDI (M), VIZIANAGARAM DISTRICT, ANDHRA PRADESH HELD ON 20/01/2017 AT 11:00 AM, NEAR PANCHAYAT OFFICE AT PROJECT SITE AT SERIPETA VILLAGE, GARIVIDI MANDAL, VIZIANAGARAM DISTRICT.

The following are Present.

Panel Members:

- 1 Sri. M. Jitendra,
District Revenue Officer & Addl. District
Magistrate, Vizianagaram District.
- 2 Sri. K.L.P. Kumar,
Environmental Engineer, APPCB,
Regional Office, Vizianagaram.

At the outset, while welcoming the gathering, the Environmental Engineer explained the features of the Ministry of Environment and Forests (MoEF), Government of India, EIA Notification dated 14/09/2006. According to EIA Notification, Environmental Public hearing is mandatory for getting Environmental Clearance for carrying this kind of establishment of Manganese Ore Beneficiation Units from State Level Environmental Impact Assessment Authority (SEIAA), Govt. of India. He stated that M/s Radhika Metals and Minerals have applied for Environmental Clearance for the proposed Manganese Ore Beneficiation Units on 06/10/2015 with SEIAA, Hyderabad. The Ministry Authorities have appraised the project and issued Terms of References (TORs) to this project M/s. Radhika Metals and Minerals unit authorities to go for Public Hearing. He informed that the press notice was issued on 19/12/2016 in two newspapers i.e., "Sakshi" (Telugu) & "The Times of India" (English) and disseminated the same to the general public through beat of tom-tom in the villages intimating about the proposed Public Hearing to be held on 20/01/2017 with project details for inviting suggestions, views, comments and objections from the public for carrying out the proposed Manganese Ore Beneficiation Unit of M/s. Radhika Metals and Minerals at R.Sy. No. 67/1 & 67/3, Chintapallipeta (V), Gurla (M) and R.Sy. No. 86/1, 86/2 & 86/3, Seripeta (V), Garividi (M), Vizianagaram District, Andhra Pradesh and further informed that the EIA report was placed in the offices of Panchayats, Tahsildar in English and Telugu languages for information of general public.



ENVIRONMENTAL ENGINEER
& PRODUCTION CONTROL BOARD
REGIONAL OFFICE
VIZIANAGARAM



No written representations were received within the stipulated time i.e. 30 days from the date of issue of notification. At the time of public hearing 10 written representations were received i.e. from 1) Villagers of Seripeta, 2) Villagers of Chintapallipeta, 3) Villagers of Tandragi, 4) The Residents of DFN area, 5) Sri. Y. Chennakesava Reddy, NGO, Danda Kondamma Charitable Trust, T. Sunkesula (V & PO), Yerraguntla (M); YSR District, Kadapa, 6) Sri. K. M. Reddy, NGO, Life Welfare Society, Telangana, 7) Sri. N. Kondal, paryavarana parirakshna & Avagahana Samithi, Ramagiri, Nalgonda, 8) Sri. G. Vijaya Reddy, Bhudan Rural Development & Environment Safeguard Society, Telangana, 9) Sri Chintala Sayulu, Matrubhoomi paryavarana Parirkshna Samithi, Nalgonda, Telangana and 10) Sri S.V. Reddy, Sri Siddartha Rural Development & Environmental Safeguard Society, Nalgonda stating that the proposed project management shall assure to protect the environment in the surrounding areas and also provide employment to the local people only. The management shall also take up skill development programme to the local educated youth and later absorb them in to the proposed unit. The effluent from the M/s M/s Radhika Vegetable Oils operating by the same management is being discharged into the surrounding fields and causing damage to their crops. The copies of the same are appended to the minutes.

The District Revenue Officer has explained that this is a manganese ore beneficiation project enriching the manganese percentage from the mining waste mass from around 14-18% to 22 - 28% besides garnet mineral. He further stated that there are many manganese mining units existing in the surrounding area generating large quantities of low grade solid waste material and there is every need to utilize the waste material in the interest of Environment. He, then, requested the Project authorities to explain the public about the activities being taken up by the management and the salient features of the Environmental Impact Assessment (EIA) study carried for this purpose.

Sri Y. Pera Raju, CEO of the proposed project stated that the public hearing is being conducted by the AP Pollution Control Board to know the views of the public. He further stated that M/s Radhika Metals & Minerals proposes to establish manganese ore beneficiation plant at R.Sy. No. 67/1 & 67/3, Chintapallipeta (V), Gurla (M), and R.Sy. No. 86/1, 86/2 & 86/3, Seripeta (V), Garividi (M), Vizianagaram District in an extent of 8.22 Acres of land. The capital cost of the proposed project is Rs.48.0 Crores and in the 1st phase it is Rs. 12.0 Crores and further requested the public to co-operate for the establishment of the proposed unit in the area. He informed that their consultant will explain the a details of the propose project along with EIA study revelations.


ENVIRONMENTAL ENGINEER
AP POLLUTION CONTROL BOARD
REGIONAL OFFICE
VIZIANAGARAM

Sri M. Srinivasa Reddy, Consultant of the proposed project has explained the public about the details of the proposed ore beneficiation unit which are as follows:

- ❖ This project will ensure employment to 100 people directly and about 50 people indirectly.
- ❖ The Environmental Consultant of the proposed project has studied the base line data for Ambient Air Quality, Surface & Ground Water Quality, Noise and Soil Quality from October' 2015 to February' 2016.
- ❖ The project involves beneficiation of low grade waste material dumped at mine sites unlike other beneficiation units where in mineral or ores are used. The proposed project essentially reduces the waste quantity by extracting mineral from mining wastes and adds value to wastes.
- ❖ As of now the Ambient Air Quality (AAQ) is varying from 48 to 53 $\mu\text{g}/\text{m}^3$ and increment in the AAQ due this project is only 2 to 5 $\mu\text{g}/\text{m}^3$.
- ❖ The water requirement for the proposed project is about 1400 to 1600 KLD which will be taken from the excess mine discharge water in the surrounding mines. The water used for the beneficiation plant will be completely recycled.
- ❖ The solid waste from the beneficiation process is about 1,20,000 TPA which will be sent to back filling of the abandoned mines.
- ❖ The proposed unit have allocated Rs. 1.2 Crores budget for the village development under the CSR activities for the coming 5 years.
- ❖ The management acquired an extent of 8.22 Acres (3.33 Ha.) for the ore beneficiation unit.
- ❖ The management will develop avenue plantation along the roads and also we will develop in an area of 1.01 Ha (about 1650 plants) based on CPCB guidelines for greenbelt development.
- ❖ The management will take up awareness campaigns on community health and regular medical checkups.
- ❖ The material is drawn from waste dumps of manganese ore mines located in the surrounding mines and the coarser material of 300mm size may be crushed manually up to 5mm size. The material will be further crushed in the grinder and water will be added. The lighter material will be collected as product.
- ❖ Finally stated that they are not using Boilers, DG sets for the process.

Sri G. Rama Rao, Seripeta Village while welcoming the proposed project stated that he is not against the establishment of the proposed project and requested the government to ensure pollution free environment to the village. The low lying agricultural lands of Seripeta, Chintapallipeta etc., will be affected due to this proposed project. About




20 cows were died because of M/s.Radhika Vegetable Oil industries effluent. But till date no compensation was paid by the management. The proposed project should provide water plants to their village and shall provide employment to local people only.

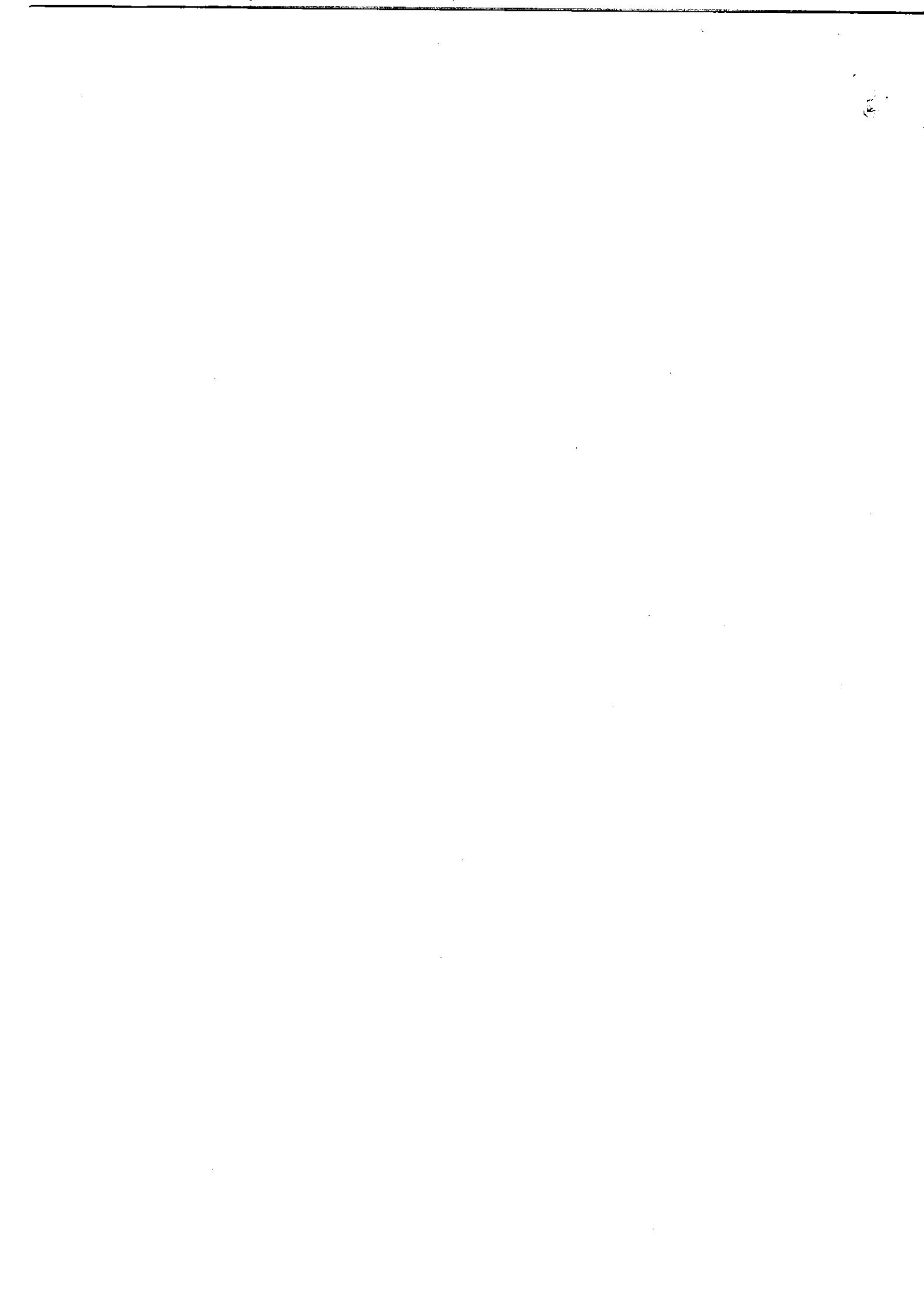
Sri Pyla Balaram, Ex. MPP, Garividi Village while welcoming the proposed project stated that, the management has stated that around 30-40 job opportunities will be generated due to the establishment of the proposed project to the surrounding villagers. But in fact around 2000 to 3000 job opportunities will be generated directly and indirectly.

Sri Belagam Venkata Rao, Tondrangi Village, (Vice MPP, Garividi) while welcoming the proposed project stated that, the management shall take up similar firms in this area and shall provide employment to the local villagers only. The management to take up skill development programmes in the villages. He requested the management to take up suitable measures for control of pollution, sprinkling arrangement with a tractor to abate dust pollution as there will be increase of truck movement due to this project. In this regard he requested the management to protect the workers by taking up suitable measures.

Sri Konisa Krishnam Naidu, Ex MPP, Garividi while welcoming the proposed project stated that, the management is operating several firms in the surrounding area. He also stated that the villagers are having air pollution problems due to establishment of MOR Alloys and water pollution problems due to M/s Radhika Vegetable Oil. About 20 cows were died because of M/s Radhika Vegetable Oils industries effluent and the management has responded positively and arranged compensation. The management shall take up skill development programmes in the villages and shall absorb the local people only. He requested the management to take up suitable measures for control of pollution and develop amenities in the villages as a part of social welfare activities.

Sri Ch. Papi Naidu, District Mines Workers Secretary stated that there are many advantages of mining industries and requested the management to take up similar firms in this area. He expressed his happiness while informing that M/s Radhika Metals & Minerals utilizes waste material from the mines. He also stated that there will not be any water/air pollution from the proposed project and will generate employment for about 100 directly and around 1000 indirectly. He hoped that the mandals of Garividi & Cheepurupalli will develop socially and economically with this type of projects.


ENVIRONMENTAL ENGINEER
A.P. POLLUTION CONTROL BOARD
REGIONAL OFFICE
VIZIANAGARAM



Sri J. Appala Naidu, Sarpanch, Chintapallipeta (V) while expressing his views stated that the management is not giving job opportunities to the locals. He requested the Government to note all their views and ensure proper opportunities to the local people regarding employment.


Sri Pilla Appala Naidu, Thonangi (V) while welcoming the proposed project stated that M/s Radhika Vegetable Oil & Sinter plant are causing water pollution and discharging the effluent in to the pond in the area there by causing damage to the agricultural lands. He stated that due to this upcoming project the water pollution and air pollution problems will increase and requested the management to solve the issues. He further requested to organize medical camps in the villages.

Sri Karanam Sanyasi Naidu while welcoming the proposed project informed that he is working in the mine for the past 15 years and hoped that the project will generate employment for about 100 directly and around 1000 indirectly. He requested the management to provide employment to the local illiterates also.

Sri T. Satyanarayana, Devada Village while welcoming the proposed project stated that he is working in the mine for the past 40 years. The management should take up all precautionary measures for control of pollution and stated that this project will create employment about 2000-3000 Nos.

Sri Tota Neelakantam, Duvvam Village while welcoming the proposed project expressed his happiness that the public hearing is being conducted with the cooperation of all the four villages. The proposed project land is under Duvvam village, the management shall give top priority to this village only. Further he hoped that the surrounding villages will develop socially and economically with this type of projects.

Sri N. Jagadeswara Rao, DFN Area, Garividi Village while expressing his views stated that they are living in between MOR Alloys, Oxide plant and Facor Alloys. They have assessed the pollution levels and were recorded as 48mg. The dust is directly coming to their houses thereby causing health problems to the villagers. He also stated that the villagers have kept quiet since long time in spite of facing many pollution problems, as many villagers are depended on the factories which are located in this area. The management has to provide scrubbers to the Oxide/Oil Plant immediately to take care of the surroundings from pollution. The management is not giving job opportunities to the



ENVIRONMENTAL ENGINEER
A.P. POLLUTION CONTROL BOARD
REGIONAL OFFICE
VIZIANAGARAM




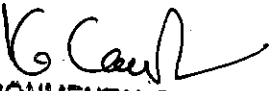
- 1) He welcomed the suggestions made by the public and promised to examine all the suggestions.
- 2) The management will provide one water plant in the village.
- 3) The Management will examine the issue of providing skill development training programmes to the local village people to make them job worthy.
- 4) The management will install bag filters as air pollution control equipment to take care of the dust pollution in the proposed plant.
- 5) As suggested the management will take up plantation in the surrounding area.

While concluding the proceedings of the Public Hearing, the District Revenue Officer thanked the public for cooperating in conduct of the public hearing and expressing their views, informed that there shall be welfare of the people besides the development in a sustainable way safeguarding the environment and public health.

It is also informed that all the proceedings of the hearing was recorded and will be sent to the SEIAA, Ministry of Environment, Forest and Climate Change, Govt. of India for taking further necessary action in respect of Environmental Clearance.


Environmental Engineer
APPCB-RO-Vizianagaram


District Revenue Officer
& Addl. District Magistrate,
Vizianagaram District


ENVIRONMENTAL ENGINEER
A.P.POLLUTION CONTROL BOARD
REGIONAL OFFICE
VIZIANAGARAM

