

Minutes of the 450th Meeting of SEIAA dated. 24.06.2017

The 450th meeting of the State Level Environment Impact Assessment Authority was convened on 24.06.2017 at the Authority's Office in Environmental Planning and Co-Ordination Organization (EPCO), Paryavaran Parisar, Bhopal. The meeting was chaired by Shri Waseem Akhtar, Chairman, SEIAA. The following members attended the meeting:-

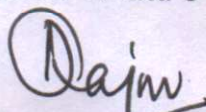
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| 1 | Shri H.S. Verma | Member |
| 2. | Shri Anupam Rajan | Member Secretary |

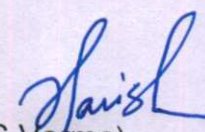
A. Following mining cases query response have been considered:-


S.No.	Case No.	Category	No. & date of SEIAA Meeting
1.	5430/2016	1(a)	440 th SEIAA meeting dtd 08.06.2017

1. **Case No. 5430/2016** Prior Environmental Clearance for **Iron Ore Mine** (Opencast Mechanized Method) in an area of 20.234 ha. for production capacity of 10,00,000 TPA at Khasra No. 680P (old) and 1093 (new) at Village- Agaria, Tehsil-Sihora, Dist. Jabalpur (MP) by M/s Anand Mining Corporation, Pathak Ward, P.O. & District Katni, MP.

- (1) This is a project pertaining to mining of **Iron Ore Mine** in MLA of 20.234 ha. The activity is mentioned at S.N. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 10 km from National park and sanctuary etc. from the mining site. The interstate boundary distance is not applicable as the ML area falls under Sihora Tehsil of District Jabalpur, thus it is not attracted by the general conditions and falls under category 'B-1' by virtue of its location and mining lease area. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project.
- (2) It was reported by the PP that the lease was sanctioned to Anand Mining Corporation for 10 years from 08.02.1980 to 07.02.1990. As per MM (D&R) Amendment act 2015 the lease period has been extended upto 50 years from the date of previous grant of lease upto 07.02.2030 with production capacity of 10,00,000 TPA.
- (3) It was noted that the mining operations were closed since 1990 for want of renewal of ML, The Hon'ble High Court vide its order R. P. No.172/14 dated 22.11.2013 and 05.04.2014 directed to consider and decide the renewal application of the petitioner keeping in view the all statutory provisions, Rules, Regulation and the orders of the superior authorities with speaking order under intimation to the petitioner. Thereafter the state Government vide letter no.3-230/1990/12/2 Bhopal dated 04.04.2015 directed that the Collector Jabalpur to act as per rules for renewal.
- (4) PP has submitted the DFO, Jabalpur certificate regarding no national park, sanctuary and tiger reserve within 10 km. radius. Additionally DFO has also issued a certificate regarding distance of the mining lease area from the forest boundary. There is a ambiguity in the distances provided by the DFO.
- (5) The scheme of mining with progressive mine closure plan has been approved by IBM, (vide Letter No. MP/Jabalpur/Iron Ore/MPLN/MOD-07/2016-17 dtd 31.08.2016).



(Anupam Rajan)
Member Secretary

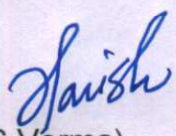

(H.S. Verma)
Member

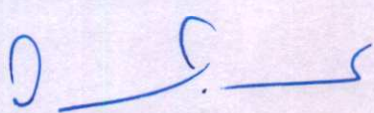

(Waseem Akhtar)
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- (6) It was recorded that dispute raised between Revenue Department & Forest Department regarding all land of Agriya Vill. Thereafter Collector Jabalpur declared revenue land dtd. 27.09.2007. Forest Department Govt. of MP (vide letter no. F 19-2/2005 10-3 dtd.26.11. 2011, land of Agriya village has been declared protected forest land. The Hon'ble Rajsua Mandal Gwalior R.P. No.2890-2/14 dtd.10.09.2014 has declared revenue land. Thereafter Additional Collector District Jabalpur Order dt.03.09.2015 has finely declared revenue land. The lease agreement executed on 04.05.2016.
- (7) The case was recommended for prior EC in 78th SEAC -II meeting dtd 25.05.2017 with 20 special conditions.
- (8) The case was then discussed in 440th SEIAA meeting dtd 08.06.2017 and PP/Consultant was invited for presentation. PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail.
- (9) It was noted that the life of mine is 12 years.
- (10) The proposed plantation program was examined and it was found that 24000 trees shall be planted covering an area of 20.234 ha under plantation.
- (11) PP has committed that the water requirement is 40 KLD (25 KLD - Dust suppression, 12 KLD - Green Belt, & 03 KLD Domestic – Drinking & Washing) which shall be met by mine sump, existing hand pump and nearby village.
- (12) It was noted that the Public Hearing was held on 14.03.2017 at mine site, at Village- Agaria, Tehsil-Sihora, Dist. Jabalpur (MP) under the Chairmanship of ADM, Jabalpur. The major issues raised during public hearing are local employment, community based facilities, water, tube well, boundary wall of school etc. which were addressed by PP.
- (13) After detailed discussions and perusal of recommendations of 78th SEAC -II meeting dtd 25.05.2017, presentation made by PP in SEIAA & SEAC, it was decided that to accept the recommendation of SEAC for grant of prior EC to the project **subject to the following specific conditions:-**
 - I. Before commencing the mining activity, site demarcation should be done leaving 250 m. from the forest boundary as a "no mining zone". This lease area should be thickly planted by native species. The demarcation should be done by the Revenue Officials in the presence of DFO, Jabalpur Forest Department and Mining Officer, Jabalpur.
 - II. Before commencing any mining activity fencing shall be carried out all around the lease area. Proper watch and ward arrangements should be made with installation of signage at 4 corners of lease area to avoid any untoward incident involving public and animals by the PP.
 - III. The PP shall demarcate a minimum buffer zone of 100 m from the periphery of the nearest human habitation in north east direction and the existing canal in south & south west direction and 50 m. from the existing pakka road in consultation with officials of Revenue/WRD/Mining/PMGSY/PWD Department around the mining lease area and these will be treated as "no mining activity zone".



(Anupam Rajan)
Member Secretary



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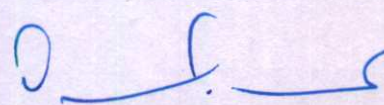

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- IV. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
- V. During the first year, three row plantation in the buffer zone (7.5 M) will be carried out in the entire periphery of the lease area and additional thick plantation to be taken up towards habitation site in north and north east side. 3000 trees (3 years old) should be planted in the first year with proper watering arrangement. PP should ensure plantation of native species like Mahua, Khamar, Neem, Bemboo, Saja, Tendu, Kachnar, Khair, Bel, Imli, Karrange, Pipal and Mango..
- VI. To protect the human habitation from dust emissions, the entire periphery from north to north east should have a solid curtaining of suitable material preferably steel sheets of 6 m. height.
- VII. PP shall strengthened and maintain the transportation road and also construct an additional 2 km Tar road upto NH-7. Tree plantation on both side of the proposed tar road should be undertaken. The cost of tar road @ 25 lakhs per km should be included in the EMP.
- VIII. Transportation of the material shall not be carried out through the village Tangwa, only by pass road shall be used for transportation of materials.
- IX. PP will not cut any tree and existing Mahua trees in the non mineable area shall be conserved and maintained.
- X. PP shall prepare a detailed health check-up plan for the nearby villages and submit it to the district Collector.
- XI. PP should construct garland drain of appropriate length 3700 m. (size of 2.0mX1.5 m) with stone pitching in entire periphery of mining lease area along with 12 settling pit and 6 settling tank (4 settling tank size 30mX10mX5.50m and 2 settling tank size 50mx25mx5m). PP shall also ensure the proper cleaning and maintenance of garland drain and settling tank.
- XII. PP shall carry out the water quality analysis through authorised laboratory and if fluoride is found or any other content higher than the prescribed limit shall inform the PHE office immediately for taking further precautionary measures.
- XIII. Ground water table monitoring shall be done for pre monsoon and post monsoon season and record shall be maintained and report shall be submitted to RO, MPPCB Jabalpur and PHE every month.
- XIV. According to the report of CGWB in respect of Jabalpur District (Status of Ground Water Levels In Madhya Pradesh during May 2015), the minimum and maximum ground water table has been indicated as 7 m. and 22 m. respectively. There is every likelihood that to achieve the ultimate depth as per the approved mining plan, the ground water table shall be intersected. PP should ensure that before commencement of mining operation below the ground water table, the approval of the Central Ground Water Board should be obtained. A copy of the Prior EC should also be addressed to Director, CGWB, Paryavas Bhavan


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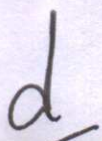

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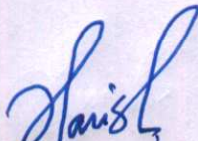
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Bhopal with copy to the Regional Officer, CGWB, Jabalpur for necessary action.

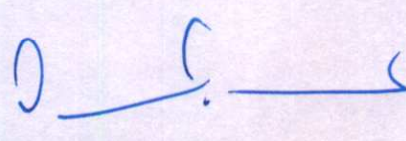
- XV. PP shall carry out the mining operations in such a way that a canal situated at 127 m in south direction and a perennial source of water supply is about 1.2 km from the proposed lease area shall not be contaminated
- XVI. Before execution of the mining operation the existing dump and waste will be simultaneously backfilled in the mined out area and plantation will be raised on it. OB dumps will be properly stabilized and conserved by planting suitable shrubs, grasses and low height plants.
- XVII. No overburden will be dumped outside the mine lease area.
- XVIII. In order to check siltation due to run off during incessant rains, check dams shall be constructed which will be de-silted after the rainy season.
- XIX. The working minable area will be protected by making a bund around the working face and slope of the back filling/dump yard will be covered with plants & shrubs to avoid the land sliding & soil erosion.
- XX. PP has committed that construct toe wall length 250 m. (size 1mx1.5m.) around the dump and connected to nearby garland drain.
- XXI. PP has committed no blasting, crushing and screening in the mining lease area.
- XXII. PP shall abide by all safety rules as prescribed by IBM and Industrial health and safety from time to time
- XXIII. Interim health check-up of mine workers shall be carried out in 15 days and PP shall also maintain proper record of the health check-up and submit the report to RO, MP PCB, Jabalpur.
- XXIV. PP has informed during presentation that it is a zero discharge mine and about 1.0m³/ day of waste water will be generated from domestic use during mining operation and the generated domestic waste water shall be reused after proper treatment for plantation purposes. PP shall ensure the commitment carried out during the presentation.
- XXV. Regular water quality monitoring shall be carried out by PP before discharging it into the nearby Nallah & agriculture fields.
- XXVI. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XXVII. Proper infrastructure with shelter, drinking water, toilet and first-aid facilities shall be provided for the labourers. A provision should be made to construct a pakka rest shelter along with toilet and drinking water facility by PP.
- XXVIII. Water fogging arrangement on internal roads, loading and unloading and transfer point shall be provided and properly maintained.
- XXIX. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.



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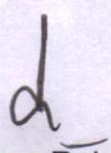
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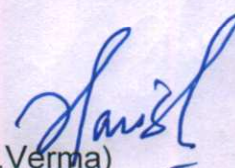
- XXX. MPPCB must ensure compliance of the conditions enumerated in the EC before giving any consent to operate.
- XXXI. PP will make budget provision of Rs. 76.50 lakhs under Environmental Management Plan for plantation, dust suppression, garland drain, settling tank and road construction and maintenance etc as committed.
- XXXII. PP has committed and must ensure under CSR the following activities for which a provision of 15.00 lakhs should be kept.
- PP shall implementation water and sanitation programme in Village Ghutna.
 - PP shall installed solar light at common places in Village Sindursi.
 - PP shall provide Health camp, Boundary wall and water facility at Prathmik Vidhalaya in Village Agariya.
 - PP shall also provide separate toilet facility for girls and boys with proper arrangement of water (i.e, Water tanks & Pumps) in the school of nearby villages.

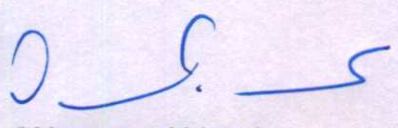
Need based fund to the development of nearby villages in consultation with the Gram panchayat and District Administration.

Hence, Prior Environmental Clearance is granted for **Iron Ore Mine** (Opencast Mechanized Method) in an area of 20.234 ha. for production capacity of 10,00,000 TPA at Khasra No. 680 P (old) and 1093 (new) at Village- Agaria, Tehsil-Sihora, Dist. Jabalpur (MP) **for the lease period to** M/s Anand Mining Corporation, Pathak Ward, P.O. & District Katni, (MP.)

Meeting ended with a vote of thanks to the Chair


(Anupam Rajan)
Member Secretary


(H.S. Verma)
Member


(Waseem Akhtar)
Chairman