

Minutes of the 442nd Meeting of SEIAA dated. 12.06.2017

The 442nd meeting of the State Level Environment Impact Assessment Authority was convened on 12.06.2017 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:-

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

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

S.No.	Case No.	Category	No. & date of latest SEAC- II
1.	2468/2015	1(a)	440 th SEIAA meeting dtd. 08.06.2017
2.	1249/2013	1(a) B2	440 th SEIAA meeting dtd. 08.06.2017
3.	566/2010	7(g)	PP representation

1. **Case No. - 2468/2015** Prior Environmental Clearance for **Kachhagawan Limestone and Dolomite Mine** (opencast other than fully mechanized method) in an area of 7.42 ha. for production capacity 1,60,000 TPA at Khasra Nos.-96, part; 97 part; 100P, 129/1, 130/1, 131 part at Vill.-Kachhagawan, Teh.- Murwara, Distt-Katni (M.P.) by M/s N.M. Dubash Stone & Lime Co. Pvt. Ltd., Shri Sailendra Kumar Worah, Director & Owner, Station Road, P.O.-Maihar, Distt-Satna (M.P.) -485771.

- (1) This is a project pertaining to mining of **Kachhagawan Limestone and Dolomite Mine** in MLA of 7.42 ha. The activity is mentioned at S.No. 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 /Sanctuary etc. and forest boundary is more than 250 m distance from the ML area, 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. It was submitted that this is a proposed mine having valid lease for 20 years (from 06.09.2002 to 05.09.2020) with production capacity 1,60,000 TPA.
- (2) It was reported by the PP that the lease area was granted to Shri Sorab Ji N. Dubash for 20 years 06.09.1980 to 05. 09. 2000 and lease was transfer to M/s N.M. Dubash Stone & Lime Co. Pvt. Ltd on 27.06.1991. This is a case of existing mining lease. This is a case of existing mining lease. The Mining Plan with progressive mine closure plan has been approved by IBM (vide letter No. MP/Katni/Limestone/M.Sch.-36/2014-15/5145 dated 29-09-2014)
- (3) SEAC in its 78th SEAC-II meeting dtd. 25.05.2017 has recommended the case with 20 special conditions for issuance of EC.
- (4) The case was then discussed in 440th SEIAA meeting dtd. 08.06.2017 and PP/Consultant was invited for presentation. Thereafter, PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail.
- (5) It was noted that the water requirement is 21 KLD (13 KLD for Dust Suppression+ 03 KLD for Green Belt + 05 KLD for Drinking), which shall be met from bore well and sump.

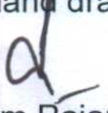
(Anupam Rajan)
Member Secretary

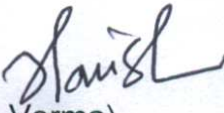
(H.S.Verma)
Member

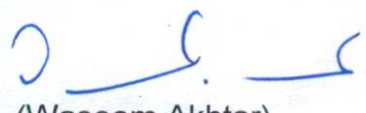
(Waseem Akhtar)
Chairman

Minutes of the 442nd Meeting of SEIAA dated. 12.06.2017

- (6) The nearest settlement of Kachhagawan village is about 240 m and canal is passing at a distance of 190 m from lease area.
- (7) The ultimate depth of mining is reported to be 30 m below ground level and ground water table varies from 40 m to 45 m in the area as reported by PP.
- (8) The proposed plantation program was examined and it was found that 2660 sapling of tree species covering an area of 3.12 ha shall be planted during the lease period.
- (9) It was noted that the Public Hearing was held on dtd. 11.02.2016 at Mine Parisar, Village-Kachhagawan, Teh.-Murwara, Distt-Katni (M.P.) under chairmanship of ADM, Katni. The participants aired their views regarding regulated blasting, provide 3 hand pumps in nearby villages, provide water for irrigation on demand from farmers, effective control of dust emissions and thick plantation around the mine.
- (10) After detailed discussions and perusal of recommendations of 78th SEAC - II meeting dtd. 25.05.2017, presentation made by the PP in SEIAA & SEAC, **it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:**
 - I. This EC will be subject to the lease period i.e. 05.09.2020.
 - II. PP will demarcate the entire lease area in the presence of Mining Officer, Revenue Officials and the mine owners in adjoining areas. They will leave a clear 7.5m buffer on their side between the two land mines before starting any mining activity on the site. They can use the existing OB for creating this 7.5m buffer.
 - III. No crushing unit shall be allowed on the site.
 - IV. 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.
 - V. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
 - VI. PP shall demarcate a barrier zone of 7.5 m and additional 6 m. will be left at corners towards west and south corners as no mining zone in the periphery of mining lease area and develop it as a green belt. Three row plantation shall be carried out in the greenbelt area in current year with proper watering arrangement.
 - VII. PP will plant 1020 numbers 3 years old tree samplings of suitable indigenous tree species in 1.02 ha barrier zone during first year.
 - VIII. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
 - IX. PP should construct garland drain of 1360 m. lenth with size 2m x 1.5m all around the mining lease area alongwith 04 settling tanks size (20m x 6m x 3m). PP shall also ensure the proper cleaning and maintenance of garland drain and settling tank.


(Anupam Rajan)
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Minutes of the 442nd Meeting of SEIAA dated. 12.06.2017

- X. PP shall ensure to construct and maintain approx. 750 m pakka approach road from mine to railway siding tar road to suppress dust pollution. Appropriate budget provision be made in EMP. Plantation will be carried out on both side of approach road.
- XI. The over burden and waste will be simultaneously backfilled in the mined out area and plantation will be raised on it.
- XII. No overburden will be dumped outside the mine lease area.
- XIII. Controlled blasting shall be carried out during mining operation.
- XIV. Consent of the farmers shall be taken before discharging the mine water into their fields after testing.
- XV. Ground water table monitoring shall be done for pre monsoon and post monsoon season and record shall be maintained.
- XVI. Regular water quality monitoring shall be carried out by PP before discharging it into the nearby Nallah & agriculture fields.
- XVII. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XVIII. 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.
- XIX. PP should also carry out regular sprinkling in the mining lease area to arrest dust emission from mining activities affecting the nearby agriculture fields.
- XX. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
- XXI. MPPCB must ensure compliance of the conditions enumerated in the EC before giving any consent to operate.
- XXII. Budget provision of Rs. 32.75 lakhs be made under Environmental Management Plan for plantation, dust suppression and road construction and maintenance etc.
- XXIII. PP must ensure under CSR the following activities for which a provision of 5.75 lakhs should be kept.
 - a) PP shall also provide 3 hand pumps in village Kachhagawan and Bistara.
 - b) PP shall also provide Computer in the school in village Kachhagawan(2 number) and Bistara (2 No.) along with a instructor
 - c) PP shall also provide LED light(200 No) and Street light in village Kachhagawan and Bistara
 - d) 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.


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- e) 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 **Kachhagawan Limestone and Dolomite Mine** (opencast other than fully mechanized method) in an area of 7.42 ha. for production capacity 1,60,000 TPA at Khasra Nos.-96, part; 97 part; 100P, 129/1, 130/1, 131 part at Vill.-Kachhagawan, Teh.- Murwara, Distt-Katni (MP), for the lease period to M/s N.M. Dubash Stone & Lime Co. Pvt. Ltd., Shri Sailendra Kumar Worah, Director & Owner, Station Road, P.O.-Maihar, Distt-Satna (M.P.) - 485771.

2. **Case No. – 1249/2013** Prior Environmental Clearance for **Hardua Kala Laterite & Dolomite Mine** (Opencast Manual Method) in an area – 8.81 ha. for production capacity of 30,000 TPA at Khasra No. 20 Part at Village – Hardua Kala, Tehsil – Majholi, Distt. – Jabalpur (M.P.) by Shri Akshay Nayak, Partner M/s Galaxy Mines and Minerals, 309, Arniya Plaza, 27/2, Manorama Ganj, P.O. – Indore (M.P.) 452001.

- (1) This is a project pertaining to mining of **Hardua Kala Laterite & Dolomite Mine** in MLA of 8.81 ha. The activity is mentioned at S.No. 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 /Sanctuary etc. and forest boundary is more than 250 m distance from the ML area, thus it is not attracted by the general conditions and falls under category 'B-2' by virtue of its location and mining lease area of minor mineral with no other ML within 500 m. radius. The case was forwarded by SEIAA to SEAC for appraisal of EIA for environment clearance for the project. It was submitted that this is a proposed mine having valid lease for 30 years (from 07.03.2013 to 06.03.2043) with production capacity 30,000 TPA.
- (2) It was reported by the PP that the lease area was granted to M/s Galaxy Mines and Minerals. This is a case of new mining lease. This is a case of existing mining lease. The Mining Plan with progressive mine closure plan has been approved by IBM (vide letter No. MP/Jabalpur/Laterite/MPLN/G-09/2011-12 dated 04-07-2012)
- (3) SEAC in its 78th SEAC-II meeting dtd. 25.05.2017 has recommended the case with 18 special conditions for issuance of EC.
- (4) The case was then discussed in 440th SEIAA meeting dtd. 08.06.2017 and PP/Consultant was invited for presentation. Thereafter, PP/Consultant made a presentation on all aspects of the project and all concerned issues were discussed in detail.
- (5) It was noted that the water requirement is 12 KLD (06 KLD for Dust Suppression+ 04 KLD for Green Belt + 02 KLD for Drinking), which shall be met from bore well and sump.
- (6) The ultimate depth of mining is reported to be 4.5 m below ground level.
- (7) There are 25 mature trees exist in the lease area, out of which PP has proposed to cut 10 trees for mining purpose.



(Anupam Rajan)
Member Secretary



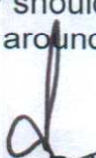
(H.S. Verma)
Member

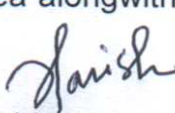



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Minutes of the 442nd Meeting of SEIAA dated. 12.06.2017

- (8) The proposed plantation program was examined and it was found that 9000 sapling of tree species covering an area of 8.81 ha shall be planted during the lease period.
- (9) It was noted that the Public Hearing was held on dtd. 05.11.2015 at Mine Parisar, Village- Hardua Kala, Tehsil – Majholi, Distt. – Jabalpur (M.P.) under chairmanship of ADM, Jabalpur. The participants aired their views regarding employment to the local villagers, boundary wall for schools, hand pump in Village Harduakala near Durga Temple, construction for proper fencing around the mine and thick plantation in the periphery of mine lease area.
- (10) After detailed discussions and perusal of recommendations of 78th SEAC - II meeting dtd. 25.05.2017, presentation made by the PP in SEIAA & SEAC, **it was decided to accept the recommendation of SEAC for grant of prior EC to the project subject to the following specific conditions:**
- I. PP shall leave 100m from the road as no mining zone. No mining activity will be performed in this area.
 - 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. Plantation programme as mentioned in EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit.
 - IV. PP shall demarcate a barrier zone of 7.5 m as no mining zone in the periphery of mining lease area and develop a green belt. Three row plantation shall be carried out in the greenbelt area in current year with proper watering arrangement.
 - V. PP will be allowed to cut only 10 trees for mining only after getting proper consent from DFO, Jabalpur or concerned authority if required. As per Forest Rules mahua trees will be properly conserved on the site as far as possible by leaving appropriate space around the plant.
 - VI. PP will plant total 9000 numbers of tree saplings during lease period. Out of which, 1000 numbers 3 years old tree saplings of suitable indigenous tree species will be planted in 0.915 ha area in first year as mentioned in plantation programme of EIA/EMP and presented during presentation in SEIAA & SEAC shall be followed in content and spirit. PP will also ensure to conserve and maintain the plantation for minimum 3 years after conceptual period of mining.
 - VII. Top soil will be brought from outside for afforestation.
 - VIII. PP will construct concrete road in the village portion of transportation route passing through the village.
 - IX. The mining operation shall be restricted to above ground water table and in no case it should intersect the ground water table. In case of working below the ground water table approval of the Central Ground Water Board shall be obtained.
 - X. PP should construct garland drain of 1220 m. length with size 2m x 1.5m all around the mining lease area alongwith 04 settling tanks size (20m x


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Minutes of the 442nd Meeting of SEIAA dated. 12.06.2017


6m x 3m). PP shall also ensure the proper cleaning and maintenance of garland drain and settling tank.

- XI. The over burden and waste will be stacked for five years and then simultaneously backfilled in the mined out area where plantation will be raised on it.
- XII. No overburden will be dumped outside the mine lease area.
- XIII. Controlled blasting shall be carried out using delay detonator to prevent flying fragments during mining operation. Muffle blasting will also be practiced under supervision of qualified blaster.
- XIV. Ground water table monitoring shall be done for pre monsoon and post monsoon season and record shall be maintained.
- XV. Regular water quality monitoring shall be carried out by PP before discharging it into the nearby Nallah & agriculture fields.
- XVI. Payments of wages to the workers shall be done in consonance with the provisions in the labour laws.
- XVII. 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.
- XVIII. PP should also carry out regular sprinkling in the mining lease area to arrest dust emission from mining activities affecting the nearby agriculture fields.
- XIX. There will not be any discharge of mine waste water into the agriculture field and zero discharge will be maintained by PP.
- XX. MPPCB must ensure compliance of the conditions enumerated in the EC before giving any consent to operate.
- XXI. Mining shall be limited to the area as shown in surface plan and as per the approved mining scheme.
- XXII. Budget provision of Rs. 23.0 lakhs be made under Environmental Management Plan for plantation, dust suppression and road construction and maintenance.
- XXIII. PP must ensure under CSR the following activities for which a provision of 2.0 lakhs should be kept.
 - a) PP shall also provide 2 hand pumps in village Hardua Kala for supply of potable drinking water.
 - b) 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.
 - c) Need based fund to the development of nearby villages in consultation with the Grampanchayat and District Administration.

Hence, Prior Environmental Clearance is granted for **Hardua Kala Laterite & Dolomite Mine** (Opencast Manual Method) in an area – 8.81 ha. for production capacity of 30,000 TPA at Khasra No. 20 Part at Village – Hardua Kala, Tehsil –


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2

Minutes of the 442nd Meeting of SEIAA dated. 12.06.2017

Majholi, Distt. – Jabalpur (MP), for the lease period to Shri Akshay Nayak, Partner M/s Galaxy Mines and Minerals, 309, Arniya Plaza, 27/2, Manorama Ganj, P.O. – Indore (M.P.) 452001.

3. **Case No.566/2010:** Prior Environmental Clearance for Gwalior Fort Aerial Ropeway project for 565 m from Phoolbagh (Lower terminal) to Gwalior Fort (Upper terminal) at Village, Tehsil & District- Gwalior, (M.P) by M/s Municipal Corporation, Gwalior

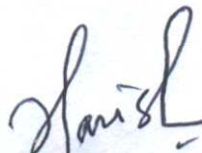
In this particular case, EC was issued by MPSEIAA vide letter no. 232 dated 18.05.2012. PP vide letter dtd 27.05.17 has informed that the validity of Environmental Clearance has expired on 17.05.17, however the project activity has not commenced on the site due to administrative delays. PP has now requested for extension of validity of EC.

In view of above, the case was discussed and noted that regarding extension of validity of EC the office memorandum issued by MoEF & CC, Gol (F.No. 22-27/2015-IA-III dtd. 12.04.2016) as per the said memorandum "The Environmental Clearance of the project which had not completed five (5) years on the date of publication of Notification i.e. 29.04.2015, there validity will stand automatically extended to seven (7) years". Accordingly the same is extended automatically for seven years i.e. from 17.05.2017 to 16.05.2019. After detailed discussions, it has been decided to extend the validity of EC from 17.05.2017 to 16.05.2019. Copy to PP and all concerned.

Meeting ended with a vote of thanks to the Chair.



(Anupam Rajan)
Member Secretary



(H.S. Verma)
Member



(Waseem Akhtar)
Chairman