

The 42<sup>nd</sup> meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 27<sup>th</sup> July, 2016 under the Chairmanship of Dr. Navin Chandra for discussion on the query responses submitted by the PP and the projects issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram khan, Member.
2. Shri. Mohd. Kasam khan, Member.
3. Shri. Prashant Shrivastava, Member.
4. Shri Rajendra Kumar Sharma, Member.
5. Dr. Sonal Mehta, Member.
6. Shri Anil Kumar Sharma, Member.

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

**1. Case No.5204/15 Smt. Hemlata Pathak, Owner, Jawahar Road, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Crusher Stone Quarry Deposit in an area of 13.00 ha. (10000 cum/year) at Khasra no.-350/1, Village-Bedar, Tehsil-Maharajpur, District-Chhatarpur (MP)**

This is case of Crusher Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-350/1, Village-Bedar, Tehsil-Maharajpur, District-Chhatarpur (MP) 13.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1542 dated: 05/12/2015 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 17.023 ha including this mine.

The case was presented by the PP and their consultant wherein during presentation it was observed that a pond is at a distance of 120 meters as per the Google image of November, 2015 as per the co-ordinates provided by the PP. It was suggested by the PP that garland drains and settling tanks of suitable capacity should be provided by the PP. After presentation, PP was asked to submit:

1. Revised Plantation scheme with budgetary allocations.

2. Revised CSR & EMP with name of village where CSR is proposed.
3. Details of monitoring proposed for Air, Water and Noise.
4. Details of proposed blasting technique.

**2. Case No.5212/15 M/s Kesari Nandan Marble Pvt. Ltd, District - Jaipur (Raj.). Prior Environment Clearance for Marble Quarry in an area of 4.00 ha. (20000 MT/year) at Khasra no.-120, Village-Amoch, Tehsil - Bahoriband, Dist.Katni**

This is case of Marble Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-120, Village-Amoch, Tehsil - Bahoriband, Dist.Katni 4.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no. 4638, dated: 28/10/15 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 20.07 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 35<sup>th</sup> SEAC meeting dated 03/07/2016. Committee decided to call the PP in subsequent meetings giving him last chance to present his case and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**3. Case No. – 2982/2015 Mr. Abhiudya Agarwal (Authorized Signatory), M/s Geomin Industries Pvt. Ltd., 270, Garha Fatak, Jabalpur (M.P.)-482002. Prior E.C for approval of Laterite & Ochre Mine Lease Area - 7.33 Ha., Capacity - 67,611 TPA, at Khasra no.-Block A:122/3 Part, 122/4 Part, 147/2 Part & Block B:125 Part, Vill.-Dharampura, Teh.-Sihora, District-Jabalpur (M.P.)**

This is case of Laterite & Ochre Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-Block A: 122/3 Part, 122/4 Part, and 147/2 Part & Block B: 125 Part, Vill.-Dharampura, Teh.-Sihora, District-Jabalpur (M.P.) 7.33 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and his consultant in the 204<sup>th</sup> SEAC meeting dated 04/07/2015. Based on the submissions and the presentation committee issued following TORs in addition to the standard TORs prescribed by the MoEF and CC:

- Copy of agreement /consent with the Land Owner to be submitted.
- Water from the hillock is expected to flow through the lease area especially the OB storage area, hence drainage pattern addressing all possible receiving water bodies to be examined and accordingly a mitigation plan to be furnished.
- Impacts expected on the agriculture field from the mining to be elaborated along with the mitigation plan in this respect.
- Transport management within lease area and outside the lease area to be detailed out including evacuation plan.

PP vide their letter dated 27/06/2016 submitted that as per the GoI Notification dated 10/02/2015, Laterite and Ocher are now notified as minor minerals and thus their case may be considered as B-2 category and TOR given to them be cancelled.

The case was presented by the PP with request that their project be considered as B-2 category for following reasons: -

1. Laterite being a minor mineral as per revised mining rules.
2. The mine area is 7.33 ha & no more mines are located in 500 meters.
3. The production volume is 67,611 TPA.
4. No blasting is proposed.
5. No human settlement within 2.00 Kms of the mine.

The committee after request from PP decided that on the basis of above submission, PP should submit a comprehensive EMP through QCI/NABET **accredited** consultant addressing following issues:-

- a. Management and disposal plan of OB.
- b. Surface plan showing location and size of settling tanks and garland drains.
- c. One month Air, Water and Noise Quality Monitoring data with predictions within the lease area and surrounding area.
- d. Copy of agreement /consent with the Land Owner to be submitted.
- e. Water from the hillock is expected to flow through the lease area especially the OB storage area, hence drainage pattern addressing all possible receiving water bodies to be examined and accordingly a mitigation plan to be furnished.

- f. Impacts expected on the agriculture field from the mining to be elaborated along with the mitigation plan in this respect.
- g. Transport management within lease area and outside the lease area to be detailed out including evacuation plan.

**4. Case No. - 5081/2016 Smt. Krishna Yadav w/o Shri Ashok Singh Yadav, Owner, 108, Bankers Colony, Thatipur, Gwalior (MP)-475005. Prior Environment Clearance for Metal Stone Quarry in an area of 0.500 ha. (3,500 cum/year) at Khasra no.-3717/2, Village-Bilaua, Tehsil-Dabra, District-Gwalior (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-3717/2, Village-Bilaua, Tehsil-Dabra, District-Gwalior (MP) 0.500 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. Q-L-46/2014 dated: 16/07/15 has reported that there are 20 more mines operating or proposed within 500 meters around the said mine with total area of 39.068 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

**5. Case No.-5290/2016 Shri Dheerap Singh S/o Shri Bhon Singh Ji, Vill. Kolukheda, Teh. Rajgarh, Dist. Rajgarh (SIA/MP/MIN/56820/16). Prior Environment Clearance for River Sand Deposit Quarry in an area of 8.311 ha. (1,030 cum/year) at Khasra No. 483 at Village-Kolukheda, Tehsil - Rajgarh, Dist. Rajgarh (MP)**

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 483 at Village-Kolukheda, Tehsil - Rajgarh, Dist. Rajgarh (MP) 8.311 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 443 dated: 25/05/15 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein the submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Bø

- Production of Sand as per mine plan with quantity not exceeding 1,030 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

**6. Case No.-5291/2016 M/s A.D.Agro Pvt Ltd, 18 Sagar Manth Apartment M.G. Road, Indore, MP – 452002 (SIA/MP/MIN/56726/16). Prior Environment Clearance for River Sand mining in an area of 7.00 ha. (105000 cum/year) at Khasra No. 148 at Village-Rampur, Tehsil - Pipariya, Dist. Hoshangabad**

This is case of River Sand mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 148 at Village-Rampur, Tehsil - Pipariya, Dist. Hoshangabad 7.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 3458 dated: 09/11/15 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed as per the Google image of April, 2013 based on the co-ordinates provided by the PP that a road bridge is at a distance of 130 meters. After presentation, PP was asked to submit:

1. Revised EMP w. r. t. plantation and budgetary allocations.
2. Revised CSR budget with name of villages where CSR activities are proposed.

**7. Case No.-5293/2016 M/s Shiva Corporation India Ltd, Shri Anshu Singh Bhati, Director, 312, Ganpati Plaza, MI Road, Jaipur, Raj – 452003 (SIA/MP/MIN/56733/16). Prior Environment Clearance for River Sand mining in an area of 9.50 ha. (45500 cum/year) at Khasra No. 887 at Village-Kamchand, Tehsil - Majhouli, Dist. Sidhi (MP)**

This is case of River Sand mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 887 at Village-Kamchand, Tehsil - Majhouli, Dist. Sidhi (MP) 9.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 706 dated: 20/06/16 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed as per the Google image based on the co-ordinates provided by the PP that a road bridge is in existence at a distance of 30 meters from the western side of the lease. Thus committee recommends that 70 meters area be left as setback in the QL. After presentation, PP was asked to submit:

1. Revised surface map of mine plan with correct co-ordinates duly verified by the competent authority as one co-ordinate was falling in the agricultural field.
2. Revised EMP w. r. t. plantation and budgetary allocations.
3. Revised CSR budget with name of villages where CSR activities are proposed.

**8. Case No.-5294/2016 M/s RSI Stone World, Smt. Ratna Jadoun, Director, E-7, M-708, Arera Colony, Bhopal, MP – 462016 (SIA/MP/MIN/56734/16). Prior Environment Clearance for River Sand mining in an area of 7.00 ha. (70000 cum/year) at Khasra No. 915 at Village-Devri, Tehsil - Majhouli, Dist. Sidhi (MP)**

This is case of River Sand mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 915 at Village-Devri, Tehsil - Majhouli, Dist. Sidhi (MP) 7.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 707 dated: 20/06/16 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed as per the Google image based on the co-ordinates provided by the PP that a stop dam is in existence within the QL area. Thus committee recommends that 100 meters area be left as safe zone from the both sides of the stop dam in the QL. After presentation, PP was asked to submit:

1. Revised EMP w. r. t. plantation and budgetary allocations.
2. Revised CSR budget with name of villages where CSR activities are proposed.
3. Photographs of lease area showing availability of sand.

**9. Case No.-5295/2016 M/s RSI Stone World, Smt. Ratna Jadoun, Director, E-7, M-708, Arera Colony, Bhopal, MP – 462016 (SIA/MP/MIN/56738/16). Prior Environment Clearance for River Sand mining in an area of 11.00 ha. (11000 cum/year) at Khasra No. 665, 01 at Village-Poundi, Tehsil - Majhouli, Dist. Sidhi (MP)**

This is case of River Sand mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 665, 01 at Village-Poundi, Tehsil - Majhoul, Dist. Sidhi (MP) 11.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 708 dated: 20/08/16 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed as per the Google image based on the co-ordinates provided by the PP that a road bridge is crossing the lease within the QL area. Thus committee recommends that 100 meters area be left as safe zone from the both sides of the road bridge in the QL. After presentation, PP was asked to submit:

1. Revised EMP w. r. t. plantation and budgetary allocations.
2. Revised CSR budget with name of villages where CSR activities are proposed.

**10. Case No.-5296/2016 M/s Sainik Foods Pvt Ltd, Sub-Lessee of MPSMCL of HIG-D-5, Dindayal Nagar, Phase-I Kantha Road, Muradabad UP – 244 001 (SIA/MP/MIN/16561/16). Prior Environment Clearance for Sand mining in an area of 20.00 ha. (200000 cum/year) at Khasra No. 155/1/1 at Village-Janwasa, Tehsil - Budhni, Dist. Sehore (MP)**

This is case of Sand mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 155/1/1 at Village-Janwasa, Tehsil - Budhni, Dist. Sehore (MP) 20.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1910 dated: 28/06/16 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 34.00 ha including this mine.



The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vide letter no. 1910 dated: 28/06/16 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 34.00 ha including this mine. It being a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan along with road condition is to be discussed in the EIA report with requirement of manpower.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. Detailed production plan with section should be provided in the EIA report considering the safe area to be left for the prevention of bank erosion.
9. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
10. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
11. Discuss and assess impacts of sand mining on pisciculture.
12. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
13. Discuss the measures that will be adopted for the bank erosion.
14. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
15. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
16. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

**11. Case No.-5297/2016 M/s Digiana Industries Pvt. Ltd, Sub Lessee MPSMCL, G-1 Sapna Chambers, 12/1 South Tukoganj, Indore, MP - 463001 Indore, MP**

**(SIA/MP/MIN/6102/15). Prior Environment Clearance for Sand Deposit in an area of 11.129 ha. (112000 cum/year) at Khasra No. 287 at Village-Satdev 2, Tehsil - Nasrullaganj, Dist. Sehore (MP)**

This is case of Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 287 at Village-Satdev 2, Tehsil - Nasrullaganj, Dist. Sehore (MP) 11.129 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 293 dated: 02/02/16 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 27.655 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vide letter no. 293 dated: 02/02/2016 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 27.655 ha including this mine. It being a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan along with road condition is to be discussed in the EIA report with requirement of manpower.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. Detailed production plan with section should be provided in the EIA report considering the safe area to be left for the prevention of bank erosion.

9. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
10. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
11. Discuss and assess impacts of sand mining on pisciculture.
12. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
13. Discuss the measures that will be adopted for the bank erosion.
14. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
15. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
16. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

**12. Case No.-5299/2016 M/s Shriram Dashmesh Buildcon, Sub Lessee MPSMCL, Pohari Bypass, Behind Hero Showroom, Madhav Bihar Colony, Shivpuri MP (SIA/MP/MIN/9775/16). Prior Environment Clearance for River Sand Quarry in an area of 9.400 ha. (65800 cum/year) at Khasra No. 153 at Village-Horiyapipar, Tehsil - Hoshangabad, Dist. Hoshangabad (MP)**

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 153 at Village-Horiyapipar, Tehsil - Hoshangabad, Dist. Hoshangabad (MP) 9.400 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 564 dated: 13/06/16 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 80.345 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vide letter no. 564 dated: 13/06/2016 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 80.345 ha including this mine.. It being a case of cluster where the total area is > 25 ha. it was

decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan along with road condition is to be discussed in the EIA report with requirement of manpower.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. Detailed production plan with section should be provided in the EIA report considering the safe area to be left for the prevention of bank erosion.
9. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
10. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
11. Discuss and assess impacts of sand mining on pisciculture.
12. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
13. Discuss the measures that will be adopted for the bank erosion.
14. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
15. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
16. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

**13. Case No.-5298/2016 Shri Mohiuddin Shaikh, S/o Shri Ayazuddin Shaikh, Lessee, R/o - 1, Moti Bungalow, Dewas – 455001 (SIA/MP/MIN/56259/16) Prior Environment Clearance for Stone Quarry in an area of 7.679 ha. (20000 cum/year) at Khasra No. 690/1 Kha & 690/1 Gha at Village-Jhilela, Tehsil - Jawar, Dist. Sehore (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 690/1 Kha & 690/1 Gha at Village-Jhilela, Tehsil - Jawar, Dist. Sehore (MP) 7.679 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.967 dated: 29/03/16 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein after presentation, PP was asked to submit:

1. Revised CSR budgetary provisions.
2. Revised plantation scheme with budgetary provisions.
3. Revised provisions for facilities for mine workers in EMP.

**14. Case No.-5300/2016 Ritesh Trade Fin Ltd, Lenin Sarni, Durgapur, Warddhaman, WB – 713101(SIA/MP/MIN/50818/16). Prior Environment Clearance for Granite Deposit in an area of 14.999 ha. (6000 cum/year) at Khasra No. 692 at Village-Mahed, Tehsil - Nowgong, Dist. Chhatarpur (MP)**

This is case of Granite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 692 at Village-Mahed, Tehsil - Nowgong, Dist. Chhatarpur (MP) 14.999 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 984 dated: 20/08/15 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 31.899 ha including this mine but the mine of homogeneous minerals are 01 with lease area of 3.900 ha with total area of 18.899ha. and as per GoI, MoEF&CC notification dated 15/01/2016 and 01/07/2016, this mine will not fall under cluster situation.

The case was presented by the PP and their consultant wherein PP submitted that their case is B-2 category as Granite is considered as minor mineral and total area of mines within 500 meters is 18.899 ha. The committee after request from PP decided that on the basis of above submission, PP should submit a comprehensive EMP through QCI/NABET **accredited** consultant addressing following issues:-

- a. Management and disposal plan of OB.
- b. Mine water management plan on surface map showing location and size of settling tanks and garland drains.
- c. Top soil management plan.
- d. One month Air, Water and Noise Quality Monitoring data with predictions within the lease area and surrounding area.
- e. Transport management within lease area and outside the lease area to be detailed out including evacuation plan.
- f. Revised EMP and CSR with budgetary provisions.

**15. Case No.-1294/2013 M/s. Sagar Mines Pvt. Ltd., Rai Colony, Katni (M.P.) M/s. Sagar Mines Pvt. Ltd., Rai Colony, Katni (M.P.). Environment Clearance for approval of Chhapra Marble Mine (7.58 Hect.) for Production Capacity of 41499 TPA or 15660 cum/year (Marble-20792.2 TPA or 7848 cum/year), Waste Marble 20701.80 TPA (7812 cum/year) at Khasra no.-189, 190, 191, 192, 193, Village-Chhapra, Tehsil-Bahoriband, District Katni (M.P.). EIA Presentation, Consultant: Insitu Enviro Care, Bhopal**

This is case of Chhapra Marble Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-189, 190, 191, 192, 193, Village-Chhapra, Tehsil-Bahoriband, District Katni (M.P.) 7.58 Ha. The project requires prior EC before commencement of any activity at site.

The case was earlier discussed in the 123<sup>rd</sup> SEAC meeting dated 12/03/2013 wherein PP has presented the recent base line data already collected in the region for other EIA studies and has requested committee to allow him to use the same for this study to formulate EMP. Committee has accepted the request of PP; accordingly existing baseline data can be used in the report. After deliberations committee has approved the proposed **TOR** with inclusion of following points:

1. All roads including the village roads have to be maintained by the mine operator accordingly plan to be submitted with budgetary provisions.

2. Modeling has to be carried out taking into consideration the transportation load within and outside the mining lease area for line source as well as area source.
3. Production capacity and total estimated reserves of all the minerals proposed for mining has to be reported along with the estimated mine-life.
4. Details of closure plan with budget to be reported.
5. Details of existing pits (if any) and land-reclamation achieved so far to be illustrated along with the photographs of the site to be furnished in EIA report.
6. A detail of existing OB dumps (if any) and status of stabilization of these dumps along with the silt management plan to be addressed with supporting photographs.
7. Proposed OB management and land reclamation plan to be dealt in detail.
8. Existing baseline data of the region can be used in the report for projections etc; however the data should not older than two years and has to be validated wherever necessary.
9. Composite EIA / EMP has to be prepared and implemented taking in to consideration the other operating / proposed mines in the proximity.
10. It was informed that an Association of the regional mine owners has been constituted in the region a common EMP including the CSR, budgetary provisions and modus operandi has to be prepared by the consultant and presented at the time of EIA presentation.
11. A visit by sub-committee may also be planned so as to see the area and meet the association. Additional TOR (if any) may be issued after the visit.

The mine is reported (Case No. 1252/2013) to be located adjacent to other marble mines hence a comprehensive study of the whole region has to be carried out thus a composite EIA report shall be submitted for all the adjacent mines including this mine.

The project was issued TOR by SEAC on 12/06/ 2013 with validity of two years. PP has requested for extension of validity of TOR for one more year. In light of MoEF & CC O.M. no. 11013/41/2006-IA-II(I)(Part) dated 07/11/2014 SEAC Committee in its 213<sup>th</sup> meeting dated 08/08/2015 decided to allow an extension of one year for the TOR validity subject to the following conditions:

- Baseline data used in the report should not be older than 03 years
- Public hearing shall not be older than 03 years.
- EIA shall be as per the TORs issued and addressing the points of standard TORs prescribed by MoEF & CC.
- The validity of TOR shall lapse on 11/06/2016, thereafter no further extension shall be granted.

The EIA was presented by the PP and their consultant wherein after presentation PP was asked to submit response on following;

1. Revised plantation scheme with proposed species and area available for plantation.
2. Mine water management plan on surface map showing location and size of settling tanks and garland drains.
3. Land use pattern clearly showing the existing land use pattern and land use at the end of mining lease.
4. Detail of existing OB dumps and status of stabilization of these dumps along with the silt management plan.
5. Geo-hydrological studies of the region as ground water intersection is proposed.
6. Study of fluctuations of ground water of the region and ground water prospecting.
7. Compliance of M. P. Pollution Control Board's consent conditions from the concerned Regional Officer.
8. DFO certificate verifying the distances of this lease from National Parks and National Centuries.
9. Confirmation on higher values of Fluoride & Iron in the study area.
10. Backup sheet of input data relating to air quality dispersion modelling.

PP was also asked to make presentation on above responses.

**(R. K. Sharma, Member)**

**(Mohd. Kasam Khan, Member )**

**( A.K Sharma, Member )**

**(Prashant Shrivastava, Member)**

**(Dr.Sonal Mehta, Member)**

**(Mohd. Akram Khan, Member)**

**(Dr.NavinChandra, Chairman)**



Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions:

Annexure- 'A'

**Standard conditions applicable to Stone/Murrum and Soil quarries:**

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA
3. Transportation of material shall be done in covered vehicles.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. Curtaining of site shall be done using appropriate media.
6. The proposed plantation should be carried out along with the mining @45 trees per hectare and PP would maintain the plants for five years including casualty replacement.
7. Transportation shall not be carried out through forest area.
8. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
9. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
10. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
11. PP should also maintain a log book containing annual details of tree plantation and causality replacement.
12. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
13. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'B'

**Standard conditions applicable for the sand Mine Quarries\***

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. Plantation shall be carried out on the banks for stabilization of the banks.
4. The mining activity shall be done manually.
5. Heavy vehicles shall not be allowed on the banks for loading of sand.
6. The sand shall be transported by small trolleys up to the main transport vehicle.
7. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less.
11. No in-stream mining shall be allowed.
12. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. Established water conveyance channels should not be relocated, straightened, or modified.
14. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
15. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
16. PP shall take Socio-economic activities in the region through the Gram Panchayat
17. EC will be valid for mine lease period subject to a ceiling of 5 years.
18. Mining should be done as per the submitted land use plan submitted by PP.