

The 05th meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 17th February, 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. Shri. Rajendra Kumar Sharma, Member.
2. Dr. Sonal Mehta, Member.
3. Dr. Mohd. Akram Khan, Member.
4. Shri. Prashant Shrivastava, Member.

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

1. **Case No.4713/15 Shri Tejendra Singh, M/s Digiana Industries Pvt. Ltd., Sub Lessee of M.P. State Mining Corporation Limited, G-1, M-3, Sapna Chambers, 12/1, South Tukoganj, Indore (MP)-452001 Prior Environment Clearance for Sand Mine in an area of 10.00 ha. (1,75,000 cum/year) at Khasra No.-126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP) 10.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and RFO. Concerned Mining Officer vide letter no. 2876 dated: 24/7/2015 has reported that there are 13 more mines operating or proposed within 1000 meters around the said mine with total area of 138.33 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. 2876 dated: 24/7/2015 has reported that there are 13 more mines operating or proposed within 1000 meters around the said mine with total area of 138.33 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 is to be discussed in the EIA report.

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. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
 9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
 10. Discuss and assess impacts of sand mining on pisciculture.
 11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
 12. Discuss the measures that will be adopted for the bank erosion.
 13. 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.
 14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease. For justifying the replenishment of sand in the QL area, RL should be recorded at an interval of 100 meters and sand reserves should be calculated on the basis of RL. On the basis of RL and readings in measurement book (MB) the replenishment should be calculated.
 15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
2. **Case No.4715/15 Shri Tejendra Singh, M/s Digiana Industries Pvt. Ltd., Sub Lessee of M.P. State Mining Corporation Limited, G-1, M-3, Sapna Chambers, 12/1, South Tukoganj, Indore (MP)-452001 Prior Environment Clearance for Sand Mine in an area of 11.00 ha. (1,92,500 cum/year) at Khasra No.-126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and RFO. Concerned Mining Officer vide letter no. 2872 dated: 24/7/2015 has reported that there are 4 more mines operating or proposed within 1000 meters around the said mine with total area of 54.228 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. 2872 dated: 24/7/2015 has reported that there are 4 more mines operating or proposed within 1000 meters around the said mine with total area of 54.228 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 is to be discussed in the EIA report.
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. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.

13. 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.
 14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease. For justifying the replenishment of sand in the QL area, RL should be recorded at an interval of 100 meters and sand reserves should be calculated on the basis of RL. On the basis of RL and readings in measurement book (MB) the replenishment should be calculated.
 15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
3. **Case No.4718/15 Shri Tejendra Singh, M/s Digiana Industries Pvt. Ltd., Sub Lessee of M.P. State Mining Corporation Limited, G-1, M-3, Sapna Chambers, 12/1, South Tukoganj, Indore (MP)-452001 Prior Environment Clearance for Sand Mine in an area of 20.00 ha. (2,00,000 cum/year) at Khasra No.-223, Village-Ambajdeed, Tehsil-Nasrullaganj, District-Sehore (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-223, Village-Ambajdeed, Tehsil-Nasrullaganj, and District-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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and RFO. Concerned Mining Officer vide letter no. 1075 dated: 24/7/2015 has reported that there are 07 more mines operating or proposed within 1000 meters around the said mine with total area of 161.75 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. 1075 dated: 24/7/2015 has reported that there are 07 more mines operating or proposed within 1000 meters around the said mine with total area of 161.75 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 is to be discussed in the EIA report.
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. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
 9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
 10. Discuss and assess impacts of sand mining on pisciculture.
 11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
 12. Discuss the measures that will be adopted for the bank erosion.
 13. 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.
 14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease. For justifying the replenishment of sand in the QL area, RL should be recorded at an interval of 100 meters and sand reserves should be calculated on the basis of RL. On the basis of RL and readings in measurement book (MB) the replenishment should be calculated.
 15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
4. **Case No.4813/15 Shri Jitendra Singh, M/s Shiv Corporation India Pvt. Ltd., Sub Lessee of M.P. State Mining Corporation Limited R/o 312, Ganpati Plaza, MIG Road, Jaipur (RJ)-302003 Prior Environment Clearance for Sand Mine in an area of 10.00 ha. (1,75,000 cum/year) at Khasra No.-126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP) 10.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and RFO. Concerned Mining Officer vide letter no. 2767 dated: 17/7/2015 has reported that there are 11 more mines operating or proposed within 1000 meters around the said mine with total area of 128.33 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. 2767 dated: 17/7/2015 has reported that there are 11 more mines operating or proposed within 1000 meters around the said mine with total area of 128.33 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 is to be discussed in the EIA report.
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. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. 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.

14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease. For justifying the replenishment of sand in the QL area, RL should be recorded at an interval of 100 meters and sand reserves should be calculated on the basis of RL. On the basis of RL and readings in measurement book (MB) the replenishment should be calculated.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

5. Case No.4858/15 M/s Sainik Foods Pvt. Ltd., Sub Lessee, M.P. State Mining Corporation Ltd., H.I.G.G.D-5, Dindayal Nagar, Phase-1, Kanth Road, Muradabad (UP)-487221 Prior Environment Clearance for approval of Sand Mine in an area of 24.00 ha. (3,60,000 cum/year) at Khasra No.-1/1, Village-Pawarkheda, Tehsil-Babai, District-Hoshangabad (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1/1, Village-Pawarkheda, Tehsil-Babai, District-Hoshangabad (MP) 24.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and RFO. Concerned Mining Officer vide letter no. 2747 dated: 15/7/2015 has reported that there are 4 more mines operating or proposed within 1000 meters around the said mine with total area of 306.284 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. 2747 dated: 15/7/2015 has reported that there are 4 more mines operating or proposed within 1000 meters around the said mine with total area of 306.284 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 is to be discussed in the EIA report.
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. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
 9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
 10. Discuss and assess impacts of sand mining on pisciculture.
 11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
 12. Discuss the measures that will be adopted for the bank erosion.
 13. 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.
 14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease. For justifying the replenishment of sand in the QL area, RL should be recorde at an interval of 100 meters and sand reserves should be calculated on the basis of RL. On the basis of RL and readings in measurement book (MB) the replenishment should be calculated.
 15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
6. **Case No.4859/15 Shri Tejendra Singh, M/s Digiana Industries Pvt. Ltd., Sub Lessee of M.P. State Mining Corporation Limited, G-1, M-3, Sapna Chambers, 12/1, South Tukoganj, Indore (MP)-452001 Prior Environment Clearance for Sand Quarry in an area of 10.00 ha. (1,75,000 cum/year) at Khasra No.-126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP) 10.00 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and RFO. Concerned Mining Officer vide letter no. 1874 dated: 24/7/2015

has reported that there are 14 more mines operating or proposed within 1000 meters around the said mine with total area of 148.885 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. 1874 dated: 24/7/2015 has reported that there are 14 more mines operating or proposed within 1000 meters around the said mine with total area of 148.885 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 is to be discussed in the EIA report.
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. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. 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.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease. For justifying the replenishment of sand in the QL area, RL should be recorded at an interval of 100 meters and sand reserves should be calculated on the basis of RL. On the

basis of RL and readings in measurement book (MB) the replenishment should be calculated.

15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

7. Case No.4714/15 Shri Tejendra Singh, M/s Digiana Industries Pvt. Ltd., Sub Lessee of M.P. State Mining Corporation Limited, G-1, M-3, Sapna Chambers, 12/1, South Tukoganj, Indore (MP)-452001 Prior Environment Clearance for Sand Mine in an area of 24.291 ha. (2,42,910 cum/year) at Khasra No.-222, Village-Ambajdeed, Tehsil-Nasrullaganj, District-Sehore (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-222, Village-Ambajdeed, Tehsil-Nasrullaganj, District-Sehore (MP) 24.291 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and RFO. Concerned Mining Officer vide letter no. 2291 dated: 11/8/2015 has reported that there are 7 more mines operating or proposed within 1000 meters around the said mine with total area of 165.757 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. 2291 dated: 11/8/2015 has reported that there are 7 more mines operating or proposed within 1000 meters around the said mine with total area of 165.757 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 is to be discussed in the EIA report.
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. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
 9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
 10. Discuss and assess impacts of sand mining on pisciculture.
 11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
 12. Discuss the measures that will be adopted for the bank erosion.
 13. 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.
 14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease. For justifying the replenishment of sand in the QL area, RL should be recorded at an interval of 100 meters and sand reserves should be calculated on the basis of RL. On the basis of RL and readings in measurement book (MB) the replenishment should be calculated.
 15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
8. **Case No. 4140/15 Shri Pawan Kumar Jain, M/s Devraj Associate, R/o C/o Rajkumar Pathak, Mangal Colony, Madhav Chowk, District-Shivpuri (MP)-473885 Prior Environment Clearance for approval of Stone & Murram Quarry in an area of 4.00 ha. Stone (32,092 cum/year) & Murram-2917 cum/year, at Khasra No.-1585, 1586, 1587, 1589, 1590, 1591, 1592, 1593, Village-Bamor, Tehsil-Badarwas, District-Shivpuri (MP)**

This is case of Stone & Murram Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1585, 1586, 1587, 1589, 1590, 1591, 1592, 1593, Village-Bamor, Tehsil-Badarwas, District-Shivpuri 4.0 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. 1094 dated: 25/7/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine and total area 7.90 ha including this mine.

The EMS and other submissions submitted by the PP were found to be satisfactory and acceptable, hence 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 :-A

- Production as per mine plan with quantity not exceeding for Stone 32,092 cum/Year and for Murrum 2,917 cum/year.

9. Case No. 4141/15 Smt Sweata Dwivedi R/o Village Madhuali, Tehsil & Distt-Singrauli (M.P)-486886 Prior Environment Clearance for approval of Stone Quarry in an area of 3.50 ha. (35,465 cum/year) at Khasra No.-109,111, 116, Village-Gadriya, Tehsil-Singrauli, District-Singrauli (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.-109,111, 116, Village-Gadriya, Tehsil-Singrauli, District-Singrauli (MP) 3.50 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. 2027 dated: 26/9/2015 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine and total area 12.78 ha including this mine.

The EMS and other submissions submitted by the PP were found to be satisfactory and acceptable, hence 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 :-A

- Production of Stone as per mine plan with quantity not exceeding 35,465 cum/year

10. Case No. 4142/15 Shri Sanjay Sharma R/o Village-Pichhore, District-Shivpuri (MP)-473781 Prior Environment Clearance for approval of Flagstone Quarry in an area of 2.00 ha. (7,000 cum/year) at Khasra No.-494, Village-Bedmau, Tehsil-Kolaras, District-Shivpuri (MP)

This is case of **Flagstone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-494, Village-Bedmau, Tehsil-Kolaras, District-Shivpuri (MP) 2.0 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. 1354 dated:

24/09/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine and total area 4.40 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that co-ordinates given in mine plan are not matching with the actual site as per PP. Committee decided that it is not possible to ascertain the environmental sensitive issues around the ML area thus PP was asked to submit all 4 co-ordinate of ML area belongs to him duly approved by competent authority.

11. Case No. 4143/15 Shri Amit Rai, M/s Rai Stone Crusher, R/o Katni Road, P.O. Maihar, District-Satna (MP)-485771 Prior Environment Clearance for approval of Stone Quarry in an area of 1.240 ha. (30,000 cum/year) at Khasra No.-542, 546, 547, 548, 549/1, 550/3P, 566, Village-Naraura, Tehsil-Maihar, District-Satna (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.-542, 546, 547, 548, 549/1, 550/3P, 566, Village-Naraura, Tehsil-Maihar, District-Satna (MP) 1.240 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. 1286 dated: 24/8/15 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 and during scrutiny of documents it was observed that all the co-ordinates of site are not available in mine plan. Committee decided that it is not possible to ascertain the environmental sensitive issues around the ML area thus PP was asked to submit all co-ordinate of ML area duly approved by competent authority.

12. Case No. 3215/15 Shri Devendra Verma S/o Shri Mahesh Chand Verma, Malwa Vanaspati, Bhageerath Pura, Teh.- & District-Indore (MP)-452001 Prior Environment Clearance for approval of Basalt Stone Quarry Lease Area - 2.00 ha., Capacity - (5,880 cum/year) at Khasra No.-125/1/1/1, Vill.-Rangwasa, Teh.-Depalpur, District-Indore (MP)

This is case of **Basalt Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-125/1/1/1, Vill.-Rangwasa, Teh.-Depalpur, District-Indore (MP) 2.0 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. 571 dated: 22/6/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine and total area 2.8 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 after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

13. Case No. 4144 Shri Sohan Singh Yadav S/o Late Shri Bhagwandas Yadav, Resi. C-55, Padamnabh Nagar, Raisen Road, Bhopal (MP)-466001 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (11,822 cum/year) at Khasra No. 297 at Village-Chandbad Kadim, Tehsil-Berasia, District-Bhopal (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. 297 at Village-Chandbad Kadim, Tehsil-Berasia, District-Bhopal (MP) 2.0 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. 1540 dated: 2/07/2015 has reported that there is 02 more mines operating or proposed within 500 meters around the said mine and total area 8.820 ha including this mine.

The EMS and other submissions submitted by the PP were found to be satisfactory and acceptable, hence 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 A

- Production of Stone as per mine plan with quantity not exceeding 11,822 cum/year.

14. Case No. 4145/15 Shri Parmanad Patidar S/o Shri Kailash Narayan Patidar, F-121, Akriti Eco City, Bawadia Kalan, Bhopal (M.P.)-462026 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (30,000 cum/year) at Khasra No.-564/1, Village-Barkheda Nathu, Tehsil-Huzur, District-Bhopal (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.-564/1, Village-Barkheda Nathu, Tehsil-Huzur, District-Bhopal (MP) 4.0 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. 2524 dated: 23/9/15 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine and total area 10.0 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 after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

15. Case No. 4146/15 Shri Tej Singh Thakur S/o Shri Chain Singh Thakur, Village-Tipakhedi, Post-Gawakheda, Tehsil-Ashta, District-Sehore (MP)-466114 Prior Environment Clearance for approval of Stone Quarry in an area of 3.80 ha. (Stone-25,270 & Murram-2,375 cum/year) at Khasra No.-160/1, Village-Bhadakhedi, Tehsil-Ichhavar, District-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.-160/1, Village-Bhadakhedi, Tehsil-Ichhavar, District-Sehore (MP) 3.80 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. 2956 dated: 10/9/15 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine and total area 8.376 ha including this mine.

The case was presented by the PP and their consultant wherein during presentation it was observed that it is an existing mine but as per the Google image based on the co-ordinates provided by the PP no excavated area could be located in the QL. PP informed that there is mistake in the co-ordinates. The committee decided that PP should provide revised co-ordinates of the site duly authenticated by the concerned authority.

16. Case No. 3471/15 Shri Surendra Singh Thakur S/o Shri Bheru Singh Thakur, Vill.- & Post - Bordikalan, Teh.-Ichhavar, District-Sehore (MP)-466115 Prior Environment Clearance for

approval of Stone Quarry in an area of 2.00 ha. (9,000 cum/year) at Khasra No.-356/3, Vill.-Bordikalan, Teh.-Ichhavar, District-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.-356/3, Vill.-Bordikalan, Teh.-Ichhavar, District-Sehore (MP) 2.0 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. 1243 dated: 29/5/15, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine and total area 4.023 ha including this mine.

The EMS and other submissions submitted by the PP were found to be satisfactory and acceptable, hence 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 -A

- Production of Stone as per mine plan with quantity not exceeding 9,000 cum/year.

17. Case No. - 4014/15 Shri Karuna Pathak R/o Vill.-Sakarvat, Post-Bihar, Taluka-Huzur, District-Rewa (MP)-486446 Stone Quarry in an area of 2.00 ha. (3,975 cum/year) at Khasra No. 604/3, 604/4 at Vill.-Marha, Tehsil-Huzur, District-Rewa (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. 604/3, 604/4 at Vill.-Marha, Tehsil-Huzur, District-Rewa (MP) 2.0 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. 1517 dated: 8/9/2015, has reported that there is no more mine operating or proposed within 500 meters around the said 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 after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

18. Case No.4365/15 Shri Rupesh Sinha, M/s Sushila Mining Pvt. Ltd., MIG-34, Near Decent School, Behind Circuit House, Pathapur Road, District-Chhatarpur (MP)-471001 Prior Environment Clearance for approval of Granite Quarry in an area of 4.999 ha. (2,667 cum/year) at Khasra no.-604, Village-Silpatpura, Tehsil-Lavkush Nagar, District-Chhatarpur (MP) (TOR)

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 after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

19. Case No. - 3943/15 Shri Shailendra Nagrath S/o Late Shri Ram Prakash Nagrath C/o Civil Line, P.O. & District-Katni (MP)-483501 Prior Environment Clearance for approval of Limestone Mine in an area of 3.456 ha. (1,00,000 TPA) at khasra No.-101, Vill.-Kachhagawan, Tehsil-Katni, District-Katni (MP) (TOR)

This is a mining project over an area of 3.456 ha for Mining of mineral limestone is proposed in the project. The proposed site is located at Khasra No.- 101 of Village-Kachhagawan, Tehsil ó Murwara, District-Katni(MP) over an area of 3.456 ha. The ML area is waste land. There is no agriculture land, forest land or any water body in the lease area. No national park, sanctuary or any eco sensitive area exists within 10 kms radius. The nearest forest boundary is about 600m in north. The nearest water bodies are Keolari Nalla in 3.0 km south, Amha Nalla in 5 km west, Tamas River in 3 kms NNW and Katni Nadi in 9.0 kms south. Opencast Other Than Fully Mechanised method of mining will be adopted in the lease area. Proposed Capacity of the project is 100000 TPA of Limestone. The district head quarter óKatni is at 17 kms. The nearest railway station is Jhukehi at 3.3 kms in WNW and the nearest airport is Jabalpur. N.H.-7 passes at 4.25 kms in WNW direction.

The case was presented by the PP and their consultant. It's being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.

5. Compliance of M. P. Pollution Control Board's consent conditions through concerned Regional Officer.
6. The ground water quality monitoring locations should be atleast 05 excluding proposed locations in core zone. In core zone monitoring of existing borewell and water accumulated in excavated pit (if any) should also be monitored.

20. Case No.4305/15 Shri I. Patric Dhanraj R/o 101-C, Parwani Complex, Civil Line, Raipur (CG)-492 001 Prior Environment Clearance for approval of Manganese Ore Mine in an area of 40.47 ha. (36,000 TPA) at Khasra no.-37/5, Village-Ghondi, Tehsil-Paraswara (Baihar), District-Balaghat (MP) (TOR)

I. PROJECT DETAILS

1. Name of the project - Ghondi Manganese Ore Mine
Location - Village – Ghondi, Tehsil – Paraswara, Dist. – Balaghat (M.P.)
2. Name of the PP and Address - I Patric Dhanaraaj
'Om Kutir', Opp. Saggar Nursing Home, Civil Lines, Raipur, C.G.-492001
3. Bounding Co-ordinates of the project - Latitude – 21°56'25.43" to 21°57'02.43"N
Longitude – 80°25'32.11" to 80°25'59.97"E
4. Cost of the project - 2.15 Crore
5. Whether new or expansion project - New
6. Type of Mine - Opencast & Underground
7. Capacity of the mine applied for - 36000 TPA
8. Khasra No./ML Area - Khasra no. – 37/5, ML area – 40.47 Ha.
9. Mineral Reserves - Proved Mineral Reserve – 3,02,000 T
Mineable Mineral Reserve - 2,38,500 T
10. Status of Grant of ML - Mining Lease was granted by M.P. Govt. Mineral Resource Department
11. Existing Land Use - Govt. revenue land – 40.47 Ha.

II. Salient Features of Project –

Topography	The area in general is a territory in northern part and hilly in southern part having gently slopes toward eastern direction. The maximum RL is 666 m on the southwestern side and lowest is about 612 m on the southeast part of
Employment potential	Technical staff – 5 Skilled workers – 5
Nearest Habitation/ Town	Ghondi village – 1.2 km. towards almost South
Nearest Airport	Nagpur 224 km. SW

Nearest Railway Station	Balaghat 40 km. SW		
Nearest Highway	State Highway – 26, about 1.0 km. North		
Nearest tourist places	None within 10 km study area		
Defense installations	None within 10 km study area		
Archeological features	None within 10 km study area		
Ecological sensitive zone	None within 10 km study area		
Nearest Streams/rivers/water bodies (from mine)	S.No.	Watercourses (Seasonal)	Aerial Distance & Direction
	1	Amanala	1.5 km SW
	2	Nahra Nala	0.5 km West
	3	Malwara Nala	1.1 km S
Nearest Forest areas	RF 1802*	Adjoining West, South & East 10 km.	
	Baihar Forest Range Amatola	NNE 8.0 km. S	
	*Permission from State level Forest Committee has been obtained.		
Opencast Mining	The mining will be carried out by opencast mechanized method consists of following operations:		

	1) OB material will be removed by excavator and dumper combination to dump sites and for construction of haulage roads.	
	2) Drilling will be carried out by 32 – 80 mm dia hole by jack hammers/wagon drill and blasting will be carried out using explosive.	
	4) Excavation and loading of manganese ore into small dumpers / trolleys and transport to storage yard for further processing.	
	Broad blasting parameter for open cast working	
	Spacing	3 m
	Burden	2 m
	Depth of hole	2.90m
Powder Factor (t/kg)	6 to 7 t./kg	
Dia of hole	80 mm	

Underground Mining	<p>The underground mining will be started from fifth year onwards. Inclined winzes and horizontal levels will be developed for block preparation for stoping.</p> <p>Inclines will be used as an approach to the underground working for haulage of mined out material at different levels on the foot wall side. The underground access will be made from Inclines and haulage will be installed at the surface level, transportation of ore produced from the underground will be carried out through this haulage.</p> <p>After 30 m of horizontal development, 2 consecutive levels will be connected with incline / raise, for formation of a block. After completion of blocks, stoping will be carried out accordingly.</p> <p>For block support, rock bolt of 1.5 m length, 20 mm dia will be used on one m grid pattern. Additional support will be installed if safety consideration demands.</p> <p>Spades and manganese pans will be used to load the muck into mine cars. These mine cars will be hoisted to surface and trammed to a bin on the surface. From the bin, ore is loaded by chute into a truck which will be transported to the sorting yards.</p> <p>The void areas after extraction of ore will be filled by generated waste material.</p>	
	Broad blasting parameter for underground working	
	Drilling pattern in ore	Spacing x burden x depth = 0.60 x 0.40 m x 1.0 m
	Drilling pattern in Rock	Spacing x burden x depth = 0.60 x 0.40 m x 1.0 m
	Drilling pattern in Stopes	Spacing x burden x depth = 0.60 x 0.40 m x 1.0 m
	Maximum number of holes blasted in a round	11 Nos.
	Charge per round (kg)	1.12 kg
	Charge per hole (kg)	1.12 kg
	Type of explosive	Superpower gelatin and electric delay r detonator
	Powder Factor (Actual) For development of level- And During stoping -	2 tonnes /kg 5 tonnes /kg

Land use break up	Description	Area in Hectares			
		Present	Additional area required during this plan period	End of the 5 year	End of the conceptual period

1	Area under Pits	0.943	8.24	8.00	14.40
2	Area under roads	0.280	0.20	0.48	0.48
3	Area under office infrastructure	Nil	0.64	0.64	0.64
4	Area under top soil Dump	Nil	3.20	3.20	4.22
5	Area under C & S plant / Storage	Nil	0.50	0.50	0.50
6	Area under Waste Dump	Nil	8.66	8.66	12.00
7	Area under subgrade / reject Dump	Nil	0.10	0.10	0.10
8	Area under Plantation	Nil	1.00	1.00	3.00
9	Proposed Area for U/G Mining	Nil	1.00	1.00	5.13
	Total	1.223	23.30	24.523	40.47

The case was presented by the PP. It being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.

5. Ambient Air Quality and Noise Monitoring should be carried out atleast at 10 locations wherein 06 locations should be in surrounding villages, two at transportation road and 02 in core zone.
6. Similarly, Water Quality Monitoring should also be carried out atleast at 10 locations wherein 06 locations should be in surrounding villages, one each at Hudda Talab, Tantatola talab and existing nearby stream and 01 in core zone.

(Dr. Navin Chandra, Chairman)

(Rajendra Kumar Sharma, Member)

(Dr. Mohd. Akram Khan, Member)

(Dr. Sonal Mehta, Member)

(Prashant Shrivastava, Member)