

The 26nd meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 24th May, 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.

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

1. **Case No. -5180/16 Shri Rajeev Saxena, Dy. GM, Sub Office-Dhamnod, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for Sand Mine Deposit in an area of 5.00 ha. (35,640 cum/year) at Khasra No.-97, Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-97, Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP) 5.00 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 DFO. Concerned Mining Officer vide letter dated: 30/04/15, has reported that there are 04 more mine operating or proposed within 1000 meters around the said mine with total area of 34.043 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant and during presentation it was observed that concerned Mining Officer vide letter dated: 30/04/15, has reported that there are 04 more mine operating or proposed within 1000 meters around the said mine with total area of 34.043 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 alongwith road condion is to be discussed in the EIA report alongwith 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. Deatiled 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

2. Case No. -5181/16 Shri Rajeev Saxena, Dy. GM, Sub Office-Dhamnood, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for River Sand Quarry in an area of 5.00 ha.

(35,640 cum/year) at Khasra No.-170, Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-170, Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP) 5.00 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 DFO. Concerned Mining Officer vide letter dated: 30/04/15, has reported that there are 04 more mine operating or proposed within 1000 meters around the said mine with total area of 34.043 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.) and their consultant and during presentation it was observed that concerned Mining Officer vide letter dated: 30/04/15, has reported that there are 04 more mine operating or proposed within 1000 meters around the said mine with total area of 34.043 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 alongwith road condion is to be discussed in the EIA report alongwith 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. Deatiled 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

3. Case No. -5182/16 Shri Rajeev Saxena, Dy. GM, Sub Office-Dhamnod, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for Sand Quarry in an area of 5.00 ha. (35,640 cum/year) at Khasra No.-176, Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-176, Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP) 5.00 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 DFO. Concerned Mining Officer vide letter dated 30/04/15, has reported that there are 03 more mine operating or proposed within 1000 meters around the said mine with total area of 30.0 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant and during presentation it was observed that concerned Mining Officer vide letter dated 30/04/15, has reported that there are 03 more mine operating or proposed within 1000 meters around the said mine with total area of 30.0 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 alongwith road condition is to be discussed in the EIA report alongwith 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

4. Case No. -5190/16 Shri Rajeev Saxena, Dy. GM, Sub Office-Dhamnood, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for Sand Quarry (Khadu Bharu) in an area of 15.00 ha. (56,250 cum/year) at Khasra No.-105/1/1/1, Village-Jalood, Tehsil-Maheshwar, District-Khargone

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-105/1/1/1, Village-Jalood, Tehsil-Maheshwar, District-Khargone (MP) 15.00 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 DFO. Concerned Mining Officer vide letter dated: 30/04/15, has reported that there are 01 more mine operating or proposed within 1000 meters around the said mine with total area of 29.154 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant and during presentation it was observed that concerned Mining Officer vide letter dated: 30/04/15, has reported that there are 01 more mine operating or proposed within 1000 meters around the said mine with total area of 29.154 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 alongwith road condition is to be discussed in the EIA report alongwith 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

5. Case No.4821/15 Shri Phool Singh S/o Shri Ram Singh, Resi-Village-Madapura, Tehsil-Rajgarh, District-Rajgarh (MP)-465661 Prior Environment Clearance for Sand Quarry in an area of 7.183 ha. (340 cum/year) at Khasra No.-1, 52/256, Village-Piplya, Tehsil-Rajgarh, District-Rajgarh (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-1, 52/256, Village-Piplya, Tehsil-Rajgarh, District-Rajgarh (MP) 7.183 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 DFO. Concerned Mining Officer vide letter no. 830 dated: 09/10/15, has reported that there are 01 more mine operating or proposed within 1000 meters around the said mine with total area of 13.794 ha including this mine.

The case was scheduled for the presentation today but PP or his authorized representative remains absent. The committee decided to give another chance to PP for presentation in the upcoming meetings of SEAC and even if PP remains absent case may be recommended for delisting to SEIAA assuming that PP is not interested to take up the project.

6. Case No. -5186/16 Shri Rajeev Saxena, Dy. GM, Sub Office-Dhamnod, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for River Sand Mine in an area of 14.430 ha. (75,000 cum/year) at Khasra No.-149/1/1, Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-149/1/1, Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP) 14.430 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 DFO. Concerned Mining Officer vide letter dated: 30/4/16, has reported that there are 04 more mine operating or proposed within 1000 meters around the said mine with total area of 44.430 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.) and their consultant and during presentation it was observed that concerned Mining Officer vide letter dated: 30/4/16, has reported that there are 04 more mine operating or proposed within 1000 meters around the said mine with total area of 44.430 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 alongwith road condition is to be discussed in the EIA report alongwith 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

7. Case No. -5187/16 Shri Rajeev Saxena, Dy. GM, Sub Office-Dhamnoda, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for Sand Mine Deposit in an area of 20.00 ha. (75,000 cum/year) at Khasra No.-28/1/1/1, Village-Bhasunda, Tehsil-Maheshwar, District-Khargone (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 28/1/1/1, Village-Bhasunda, Tehsil-Maheshwar, District-Khargone (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 DFO. Concerned Mining Officer vide letter dated: 30/4/16, has reported that there are 03 more mine operating or proposed within 1000 meters around the said mine with total area of 50.045 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant and during presentation it was observed that concerned Mining Officer vide letter dated: 30/4/16, has reported that there are 03 more mine operating or proposed within 1000 meters around the said mine with total area of 50.045 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 alongwith road condition is to be discussed in the EIA report alongwith 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

8. Case No. -5188/16 Shri Rajeev Saxena, Dy. GM, Sub Office-Dhamnod, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for Sand Mine Deposit in an area of 21.450 ha. (82,500 cum/year) at Khasra No.-28/1/1/1, Village-Bhasunda, Tehsil-Maheshwar, District-Khargone (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-28/1/1/1, Village-Bhasunda, Tehsil-Maheshwar, District-Khargone (MP) 21.450 ha 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 DFO. Concerned Mining Officer vide letter dated: 30/4/16, has reported that there are 01 more mine operating or proposed within 1000 meters around the said mine with total area of 41.045 ha. including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant and during presentation it was observed that concerned Mining Officer vide letter dated: 30/4/16, has reported that there are 01 more mine operating or proposed within 1000 meters around the said mine with total area of 41.045 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 alongwith road condion is to be discussed in the EIA report alongwith 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. Deatiled 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

9. Case No. -5189/16 Shri Rajeev Saxena, Dy. GM, Sub Office-Dhamnood, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for Sand Mine Deposit in an area of 5.00

ha. (35,640 cum/year) at Khasra No.-172, Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site a at Khasra No.-172, Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP) 5.00 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 DFO. Concerned Mining Officer vide letter dated: 30/4/16, has reported that there are 01 more mine operating or proposed within 1000 meters around the said mine with total area of 41.045 ha. including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.) and their consultant and during presentation it was observed that concerned Mining Officer vide letter dated: 30/4/16, has reported that there are 01 more mine operating or proposed within 1000 meters around the said mine with total area of 41.045 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 alongwith road condion is to be discussed in the EIA report alongwith 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. Deatiled 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

10. Case No. – 3018/2015 Shri Ramprasad Sharma S/o Shri Shivnarayan Sharma, 21, Vill.- Barkheda, Teh.-Tal, Ratlam (M.P.)-457226 Surjana River Sand Deposit Lease Area - 9.780 Ha., Capacity - 5,000 cum/year, at Khasra No.- Vill.- Surjana, Teh.-Tal, District-Ratlam (M.P.)

This is case of Surjana River Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra No.-1, Vill. - Surjana, Teh.-Tal, District-Ratlam (M.P.) 9.780 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 DFO. Concerned Mining Officer vide letter no.-454, dated: -20/03/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was scheduled for the presentation today but PP or his authorized representative remains absent. The committee decided to give another chance to PP for presentation in the

upcoming meetings of SEAC and even if PP remains absent case may be recommended for delisting to SEIAA assuming that PP is not interested to take up the project.

11. Case No. – 2932/2015 Shri Ramprasad Sharma S/o Shri Shivnarayan Sharma, 21, Vill.-Barkheda, Teh.-Tal, Ratlam (M.P.)-457226 Kelukheda River Sand Quarry Lease Area - 12.00 Ha., Capacity - 5,100 cum/year, at Vill.-Kelukheda, Teh.-Tal, District-Ratlam (M.P.)

This is case of Kelukheda River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-01, Vill.-Kelukheda, Teh.-Tal, District-Ratlam (M.P.) 12.00 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 DFO. Concerned Mining Officer vide letter no.454, dated: -20/03/15, has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 21.78 ha including this mine.

The case was scheduled for the presentation today but PP or his authorized representative remains absent. The committee decided to give another chance to PP for presentation in the upcoming meetings of SEAC and even if PP remains absent case may be recommended for delisting to SEIAA assuming that PP is not interested to take up the project.

12. Case No. -5165/16 Shri R.K. Nema, DGM, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for River Sand Mine project in an area of 17.500 ha. (2,62,500 cum/year) at Khasra No.-181/1, Village-Rajon, Tehsil-Babai, District-Hoshangabad (MP)

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-181/1, Village-Rajon, Tehsil-Babai, District-Hoshangabad (MP) 17.500 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 1000 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.3988, dated: 24/3/16, has reported that there are 03 more mines operating or proposed within 1000 meters around the said mine with total area of 39.40 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant and during presentation it was observed that concerned Mining Officer vide letter no.3988, dated: 24/3/16, has reported that there are 03 more mines operating or proposed within 1000 meters around the said mine with total area of 39.40 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 alongwith road condition is to be discussed in the EIA report alongwith 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

13. Case No. -5171/16 Shri R.K. Nema, DGM, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for River Sand Quarry in an area of 0.405 ha. (5,265 cum/year) at Khasra No.-181/1, Village-Rajon, Tehsil-Babai, District-Hoshangabad (MP)

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-181/1, Village-Rajon, Tehsil-Babai, District-Hoshangabad (MP) 0.405 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.3988, dated: 24/3/16, has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of -39.405 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant and during presentation it was observed that concerned Mining Officer vide letter no.3988, dated: 24/3/16, has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of -39.405 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 alongwith road condion is to be discussed in the EIA report alongwith 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. Deatiled 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

14. Case No. -5158/16 Shri Omprakash Jat S/o Shri Radhakrishan Jat, Proprietor, Village-Panthpiplai, Tehsil-Ujjain, District-Ujjain (MP)-457779 Prior Environment Clearance for River Sand Quarry in an area of 9.360 ha. (2,808 cum/year) at Khasra no.-1, Village-Panthpiplai, Tehsil-Ujjain, District-Ujjain (MP) (Absent 22nd meeting 5/5/16)

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-1, Village-Panthpiplai, Tehsil-Ujjain, District-Ujjain (MP) 9.360 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 DFO. Concerned Mining Officer vide letter no.-3212, dated: -10/12/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was scheduled for the presentation today but PP or his authorized representative remains absent. The committee decided to give another chance to PP for presentation in the upcoming meetings of SEAC and even if PP remains absent case may be recommended for delisting to SEIAA assuming that PP is not interested to takeup the project.

15. Case No. -5166/16 Shri R.K. Nema, DGM, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for River Sand Mine project in an area of 22.500 ha. (4,50,000 cum/year) at Khasra No.-01, Village-Maroda, Tehsil-Itarsi, District-Hoshangabad (MP)

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-01, Village-Maroda, Tehsil-Itarsi, District-Hoshangabad (MP) 22.500 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 vides letter no.3988, dated: 24/3/16, 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 (OIC, MP State Mining Corporation Ltd. and their consultant and during presentation it was observed that concerned Mining Officer vides letter no.3988, dated: 24/3/16, has reported that there is no more mine operating or proposed within 500 meters around the said 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 alongwith road condion is to be discussed in the EIA report alongwith 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. Deatiled 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.
17. During presentation evacuation of sand was proposed from the other side of the bank by crossing the entire river. PP was asked to proposed alternate route so that sand can be evacuated from the same bank.
18. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining

Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

16. Case No, 5183/2016 Shri Vyas, Dy. General Manager M.P. State Mining Corporation Ltd., 47 Saraswati Nagar, Gwalior (M.P.) Prior Environment Clearance for Sand Quarry in an area of 24.730 ha. (123650 Cum/Year) at Khasra No. 181, Village – Dahema, Tehsil – Roun, Distt. Bhind

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 181, Village ó Dahema, Tehsil ó Roun, Distt. Bhind (MP) 24.730 ha 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.327, dated: 2/4/15, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 37.48 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant and during presentation it was observed that concerned Mining Officer vide letter no.327, dated: 2/4/15, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 37.48 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 alongwith road condion is to be discussed in the EIA report alongwith 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

17. Case No. -5174/16 Shri R.K. Nema, DGM, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for River Sand Quarry in an area of 10.00 ha. (1,00,000 cum/year) at Khasra No.-404, Village-Goramachurai, Tehsil-Badi, District-Raisen (MP)

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-404, Village-Goramachurai, Tehsil-Badi, District-Raisen (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 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.376, dated: 24/3/16, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of -30.809 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant and during presentation it was observed that concerned Mining Officer vide letter no.376, dated: 24/3/16, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of -30.809 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 alongwith road condition is to be discussed in the EIA report alongwith 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

18. Case No. -5185/16 Shri Rajeev Saxena, DGM, Sub Office-Dhar, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for Sand Mine Deposit in an area of 5.00 ha. (35,640 cum/year) at Khasra No. 88 at Village-Jalkoti, Tehsil-Maheshwar, District-Khargone

This is case of Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 88 at Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP) 5.00 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 dated: 30/04/2016 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of -29.43 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant and during presentation it was observed that concerned Mining Officer vide letter no.--, dated: ---, has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of -29.43 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 alongwith road condition is to be discussed in the EIA report alongwith 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

19. Case No. -5191/16 Shri Rajeev Saxena, DGM, Sub Office-Dhar, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for Sand Mine Deposit in an area of 14.154 ha. (56,250 cum/year) at Village-Jalood, Tehsil-Maheshwar, District-Khargone (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no.-105/1/1/1, Village-Jalood, Tehsil-Maheshwar, District-Khargone (MP) 14.154 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 DFO. Concerned Mining Officer vides letter dated: 30/4/16, has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of -29.154 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.) and their consultant and during presentation it was observed that concerned Mining Officer vides letter dated: 30/4/16, has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of -29.154 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 alongwith road condion is to be discussed in the EIA report alongwith 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. Deatiled 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

20. Case No. -5161/16 Shri R.K. Nema, DGM, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for River Sand Mine project in an area of 20.00 ha. (2,00,000 cum/year) at Khasra no.-475, Village-Goramachhurai, Tehsil-Badi, District-Raisen (MP)

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-475, Village-Goramachhurai, Tehsil-Badi, District-Raisen (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 vides letter no.375, dated:-24/03/16, has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of -30.809 ha including this mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.,) and their consultant and during presentation it was observed that concerned Mining Officer vides letter no.375, dated:-24/03/16, has reported that there is 01 more mines operating or proposed within 500 meters around the said mine with total area of -30.809 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 alongwith road condition is to be discussed in the EIA report alongwith 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.
17. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

DISCUSSIONS BASED ON SITE INSPECTION REPORTS

21. Case No. 4235/2015 Shri Ashish Singh Thakur, Owner, M/s Bhasin Real Estate Pvt. Ltd., R/o 635, Nepier Town, Jabalpur (MP)-482001. Prior Environment Clearance for approval of Stone Quarry in an area of 1.98 ha. (1,06,669 cum/year) at Khasra No.-02, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP)

Background

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-02, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP) 1.98 ha. The project requires prior EC before commencement of any activity at site.

The case was recommended in the 252nd SEAC meeting dated 17/12/2015. The SEIAA has taken up the case in its 281st meeting dated 12.01.2016 and returned to SEAC seeking clarification as ultimate depth was reaching 42 meters as well as requirement of hydro geological study in lieu of probability of intersection of ground water table.

SEAC-II has discussed the case again in its 12th meeting dated 10.03.2016 and explained the technical aspect of the deep mining in the area of 1.98 ha., wherein it was mentioned that it's a hillock and elevation difference is of approx. 20 meters as the highest elevation is 443 m and lowest elevation is 422 m as per the approved mine plan.

SEIAA has considered the clarification in 309th meeting dated 29.03.2016 and asked SEAC to make site visit on the issue of methodology to be adopted for mining from 426 RL to 383 RL and for further investigation on the ground water level.

As decided, Shri Prashant Shrivastava, Member SEAC and Dr. Mohd. Akram Khan, Member SEAC along with Dr. Abhaya K Saxena, Sr. Scientific Officer, HO, Bhopal and Dr. Sunil Sudhakaran visited the site on 07.05.2016. The concerned project proponent Shri Ashish Singh Thakur along with RQP Shri Indranil Dhawande was present during the site visit.

The lease area of 1.98 ha was proposed for production of 1,06,669 cum per annum. The methodology to be adopted for mining from 426 RL to 383 RL was discussed with RQP and mining engineer of the proponent. The technical aspect of the proposal with respect to view of SEIAA is as below:

Year	Area in sq mt.	Bench No	Bench height in mtrs	MRL	Minable Volume in M ³	Production in M ³
1 st year	15765	B-1	6	426-419	94590	92698
2 nd year	12786	B-2	6	419-413	76716	75182
Continue	10149	B-3	3	413-410	30447	29838
3 rd year	10149	B-3	3	410-407	30447	29838
Continue	7863	B-4	6	407-401	47178	46234
Continue	5100	B-5	6	401-395	30600	29988
Continue	1800	B-6	6	395-389	10800	10584
Continue	960	B-7	6	389-383	5760	5645

The surface plan and working plan were studied and discussed in depth and pit bottom area has been cross checked for movement of mining machinery which was found satisfactory i.e. pit bottom width is approx. 44 meters which is quite sufficient for movement of mining machinery. PP submitted that the machine proposed to be used during excavation of mineral will be HYDRAULIC EXCAVATOR (BACKHOE SYSTEM). As proposed and discussed with PP at site sufficient and safe mine working area for machine, manpower and movement etc is available. Also it is to mention here that as per their mine plan proper benching has been proposed.

The ground water level in the nearby area is cross verified through available dug wells and as submitted by the RQP it is reported to be as 50 to 60 mt bgl as per mine plan. The issue was discussed with respect to end of mine level i.e. ultimate pit depth, as per proposal given for end of mine life are up to 383m which 9m above to GWL hence there will be no impact on hydro geological aspect of the area and hydro geological study is not required. (424m average surface RL- Ground water level =374m= 50 meter level difference.)

Top Surface Level : 424 MSL
 Ultimate pit bottom level : 383 MSL
 Depth of mine : 41 meter

From the above it is clear that the ground water level is underlying 09 meter below the ultimate pit depth and this 09 meter parting is of metal stone of basalt formation.

Considering the proposed mining aspect as per the approved mine plan, committee is of the view that the mining method given is technically compatible and case may recommended for environment clearance with following suggestion:

- Adequate plantation should be carried out along the haul road and road connecting to the main road.
- Mechanical Spraying of water on existing metal haul road and transportation road through fix types of sprinklers.
- Controlled blasting was suggested under the supervision of certified blasters as per DGMS norms.
- Sufficient warning by signal is given over the entire area falling within the danger zone and it must be ensured that all persons within such area have taken proper shelter.
- Wet drilling for blasting is to be done in hand holes & as well as jack hammer drilling.
- Suitable air respirators should be provided to the drillers.
- The metal road (till it is converted in tar road) should be maintained by the PP for smooth operations of vehicles.
- Garland drains with settling pit of suitable capacity should be provided to avoid any runoff in nearby fields and the surface runoff should be collected in a nearby mined out pit which also belongs to the same PP for gardening and sprinkling.

The above report of the committee was placed in the meeting for discussions. The committee after going through the recommendations of inspection report decided that the inspection report alongwith case file may be sent to SEIAA for grant of EC subject to the following special conditions in addition to the standard conditions at annexure :-Aø

- Production of Stone as per mine plan with quantity not exceeding 1,06,669 cum/year.
- Adequate plantation should be carried out along the haul road and road connecting to the main road.
- Mechanical Spraying of water on existing metal haul road and transportation road through fix types of sprinklers.
- Controlled blasting was suggested under the supervision of certified blasters as per DGMS norms.
- Sufficient warning by signal is given over the entire area falling within the danger zone and it must be ensured that all persons within such area have taken proper shelter.
- Wet drilling for blasting is to be done in hand holes & as well as jack hammer drilling.
- Suitable air respirators should be provided to the drillers.
- The metal road (till it is converted in tar road) should be maintained by the PP for smooth operations of vehicles.

- Garland drains with settling pit of suitable capacity should be provided to avoid any runoff in nearby fields and the surface runoff should be collected in a nearby mined out pit which also belongs to the same PP for gardening and sprinkling.

22. Case No. 4236/2015 Shri Ashish Singh Thakur, Owner, M/s Bhasin Real Estate Pvt. Ltd., R/o 635, Nepier Town, Jabalpur (MP)-482001. Prior Environment Clearance for approval of Stone Quarry in an area of 1.48 ha. (60,000 cum/year) at Khasra No.-02 part, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP)

Background

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-02 part, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP) 1.48 ha. The project requires prior EC before commencement of any activity at site.

The case was recommended in the 252nd SEAC meeting dated 17/12/2015. The SEIAA has taken up the case in its 281st meeting dated 12.01.2016 and returned to SEAC seeking clarification as ultimate depth was reaching 24 meters as well as requirement of hydro geological study in lieu of probability of intersection of ground water table.

SEAC-II has discussed the case again in its 12th meeting dated 10.03.2016 and explained the technical aspect of the deep mining in the area of 1.48 ha., wherein it was mentioned that it is a hillock and elevation difference is of approx. 8 meters as the highest elevation is 432 m and lowest elevation is 424 m as per the approved mine plan.

SEIAA has considered the clarification in 309th meeting dated 29.03.2016 and asked SEAC to make site visit on the issue of methodology to be adopted for mining from 432 RL to 406 RL and for further investigation on the ground water level.

As decided, Shri Prashant Shrivastava, Member SEAC and Dr. Mohd. Akram Khan, Member SEAC along with Dr. Abhaya K Saxena, Sr. Scientific Officer, HO, Bhopal and Dr. Sunil Sudhakaran visited the site on 07.05.2016. The concerned project proponent Shri Ashish Singh Thakur along with RQP Shri Indranil Dhawande was present during the site visit.

The lease area of 1.48 ha was proposed for production of 60,000 cum per annum. The methodology to be adopted for mining from 432 RL to 406 RL was discussed with RQP and mining engineer of proponent.

During the study of surface and working plan, it was observed that the width of 3rd bench was given as 16 mt which is not required and hence PP has asked to revise the plan and reduce the width of 3rd bench so that there will be more working space i.e. width at pit bottom. Accordingly PP has revised the mining plan in terms of design of bench and submitted which was duly approved by the competent authority vide letter no. 1491 dated 12/05/2016. The revised mining plan is scrutinised and found satisfactory. The technical aspect towards mining methodology to be adopted for 26 mt depth is given below:

Year	Area in sq mt	Bench No	Bench height in mtrs	MRL	Minable Volume in M ³	Production in M ³
1 st year	10630	B-1	6.5-8	432-424	69095	67713
2 nd year	8816	B-2	6	424-418	52896	51838
Continue	6885	B-3	1.5	418-416.5	10328	10121
3 rd year	6885	B-3	4.5	416.5-412	30983	30363
Continue	3425	B-4	6	412-406	20550	20139

The surface plan and working plan were studied and discussed in depth and pit bottom area has been cross checked for movement of mining machinery which was found satisfactory. The PP has revised the width of third bench (B3) from 16mt to 6 mt and also modifies the section X-1-X-2 which has resulted in additional operational area of 10 meters at the pit bottom. Hence the pit bottom width is more than 40m which quite sufficient for movement of mining machinery. PP submitted that the machine proposed to be used during excavation of mineral will be HYDRAULIC EXCAVATOR (BACKHOE SYSTEM). As proposed and discussed with PP at site sufficient and safe mine working area for machine, manpower and movement etc is available. Also it is to mention here that as per their mine plan proper benching has been proposed.

The ground water level in the nearby area is cross checked through available dug well and bore well and the reported as 50 to 60 mt bgl as per mine plan. The issue was discussed with respect to end of mine level i.e. ultimate pit depth, as per proposal given for end of mine life are up to 406 m which is 24 m above GWL hence there will be no impact on hydro geological aspect of the area and hydro geological study is not required. (430m average surface RL- Ground water level =380m= 50 meter level difference.)

Top Surface Level : 432 MSL
 Ultimate pit bottom level : 406 MSL
 Depth of mine : 26 meter

From the above it is clear that the ground water level is underlying 24 meter below the ultimate pit depth and this 24 meter parting is of metal stone of basalt formation.

Considering the proposed mining aspect as per the approved mine plan, committee is of the view that the mining method given is technically compatible and case may recommended for environment clearance with following suggestion:

- Adequate plantation should be carried out along the haul road and road connecting to the main road.
- Mechanical Spraying of water on existing metal haul road and transportation road through fix types of sprinklers.
- Controlled blasting was suggested under the supervision of certified blasters as per DGMS norms.
- Sufficient warning by signal is given over the entire area falling within the danger zone and it must be ensured that all persons within such area have taken proper shelter.
- Wet drilling for blasting is to be done in hand holes & as well as jack hammer drilling.
- Suitable air respirators should be provided to the drillers.
- The metal road (till it is converted in tar road) should be maintained by the PP for smooth operations of vehicles.
- Garland drains with settling pit of suitable capacity should be provided to avoid any runoff in nearby fields and the surface runoff should be collected in a nearby mined out pit which also belongs to the same PP for gardening and sprinkling.

The above report of the committee was placed in the meeting for discussions. The committee after going through the recommendations of inspection report decided that the inspection report alongwith case file may be sent to SEIAA for grant of EC subject to the following special conditions in addition to the standard conditions at annexure -Aø

- Production of Stone as per mine plan with quantity not exceeding 60,669 cum/year.
- Adequate plantation should be carried out along the haul road and road connecting to the main road.
- Mechanical Spraying of water on existing metal haul road and transportation road through fix types of sprinklers.
- Controlled blasting was suggested under the supervision of certified blasters as per DGMS norms.

- Sufficient warning by signal is given over the entire area falling within the danger zone and it must be ensured that all persons within such area have taken proper shelter.
- Wet drilling for blasting is to be done in hand holes & as well as jack hammer drilling.
- Suitable air respirators should be provided to the drillers.
- The metal road (till it is converted in tar road) should be maintained by the PP for smooth operations of vehicles.
- Garland drains with settling pit of suitable capacity should be provided to avoid any runoff in nearby fields and the surface runoff should be collected in a nearby mined out pit which also belongs to the same PP for gardening and sprinkling.

23. Case No. 4240/2015 Shri Gaurav Bhanot, Director, M/s Bhasin Real Estate Pvt. Ltd., R/o 1101, Bhanot House, Gorakhpur, Jabalpur (MP)-482001. Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (1,15,000 cum/year) at Khasra No.-02 part, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP)

Background

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-02 part, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP) 2.00 ha. The project requires prior EC before commencement of any activity at site.

The case was recommended in the 252nd SEAC meeting dated 17/12/2015. The SEIAA has taken up the case in its 281st meeting dated 12.01.2016 and returned to SEAC seeking clarification as ultimate depth was reaching 42 meters as well as requirement of hydro geological study in lieu of probability of intersection of ground water table.

SEAC-II has discussed the case again in its 12th meeting dated 10.03.2016 and explained the technical aspect of the deep mining in the area of 2ha., wherein it was mentioned that it is a hillock and elevation difference is of approx. 20 meters as the highest elevation is 446 m and whereas average surface RL is 425-426 m as per the approved mine plan.

SEIAA has considered the clarification in 309th meeting dated 29.03.2016 and asked SEAC to make site visit on the issue of methodology to be adopted for mining from 446 RL to 395 RL and for further investigation on the ground water level.

As decided, Shri Prashant Shrivastava, Member SEAC and Dr. Mohd. Akram Khan, Member SEAC along with Dr. Abhaya K Saxena, Sr. Scientific Officer, HO, Bhopal and Dr. Sunil Sudhakaran visited the site on 07.05.2016. The concerned project proponent Shri Ashish Singh Thakur along with RQP Shri Indranil Dhawande was present during the site visit.

The lease area of 2 ha was proposed for production of 1,15,000 cum per annum. The methodology to be adopted for mining from 446 RL to 395 RL was discussed with RQP and mining engineer of proponent. The technical aspect towards mining methodology to be adopted is given below:

Year	Area in sq mt	Bench No	Bench height in mtrs	MRL	Minable Volume in M ³	Production in M ³
1 st year Slice 1 to 2 face (for making regular size from irregular size of excavation)	2200		6-7	446-439 439-432	14300	14300
Continue	15900	B-1	6	432-426	95400	93492
2 nd year	12989	B-2	6	426-419	77934	76375
Continue	10652	B-3	6	419-413	63912	62634
3 rd year	7989	B-4	6	413-407	47934	46975
Continue	5695	B-5	6	407-401	34170	33487
Continue	2932	B-6	6	401-395	17592	17240

The surface plan and working plan were studied and discussed in depth and pit bottom area has been cross checked for movement of mining machinery which was found satisfactory i.e. pit bottom width is more than 35m and length of pit bottom is 100m which quite sufficient for movement of mining machinery. PP submitted that the machine proposed to be used during excavation of mineral will be HYDRAULIC EXCAVATOR (BACKHOE SYSTEM). As proposed and discussed with PP at site sufficient and safe mine working area for machine, manpower and movement etc is available. Also it is to mention here that as per their mine plan proper benching has been proposed.

The ground water level in the nearby area is cross checked through available dug well and bore well and the reported as 50 to 60 mt bgl as per mine plan. The issue was discussed with respect to end of mine level i.e. ultimate pit depth, as per proposal given for end of mine life are up to 395 m which 20 m above to GWL, hence there will be no impact on hydro

geological aspect of the area and hydro geological study is not required. (425m average surface RL- Ground water level =375m= 50 meter level difference.)

Top Surface Level : 425 MSL
Ultimate pit bottom level : 395 MSL
Depth of mine : 30 meter

From the above it is clear that the ground water level is underlying 20 meter below the ultimate pit depth and this 20 meter parting is of metal stone of basalt formation.

Considering the proposed mining aspect as per the approved mine plan, committee is of the view that the mining method given is technically compatible and case may recommended for environment clearance with following suggestion:

- Adequate plantation should be carried out along the haul road and road connecting to the main road.
- Mechanical Spraying of water on existing metal haul road and transportation road through fix types of sprinklers.
- Controlled blasting was suggested under the supervision of certified blasters as per DGMS norms.
- Sufficient warning by signal is given over the entire area falling within the danger zone and it must be ensured that all persons within such area have taken proper shelter.
- Wet drilling for blasting is to be done in hand holes & as well as jack hammer drilling.
- Suitable air respirators should be provided to the drillers.
- The metal road (till it is converted in tar road) should be maintained by the PP for smooth operations of vehicles.
- Garland drains with settling pit of suitable capacity should be provided to avoid any runoff in nearby fields and the surface runoff should be collected in a nearby mined out pit which also belongs to the same PP for gardening and sprinkling.

The above report of the committee was placed in the meeting for discussions. The committee after going through the recommendations of inspection report decided that the inspection report alongwith case file may be sent to SEIAA for grant of 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 1,15,669 cum/year.

- Adequate plantation should be carried out along the haul road and road connecting to the main road.
- Mechanical Spraying of water on existing metal haul road and transportation road through fix types of sprinklers.
- Controlled blasting was suggested under the supervision of certified blasters as per DGMS norms.
- Sufficient warning by signal is given over the entire area falling within the danger zone and it must be ensured that all persons within such area have taken proper shelter.
- Wet drilling for blasting is to be done in hand holes & as well as jack hammer drilling.
- Suitable air respirators should be provided to the drillers.
- The metal road (till it is converted in tar road) should be maintained by the PP for smooth operations of vehicles.
- Garland drains with settling pit of suitable capacity should be provided to avoid any runoff in nearby fields and the surface runoff should be collected in a nearby mined out pit which also belongs to the same PP for gardening and sprinkling.

24. Case No. – 1144/2013 Shri Ramanjeet Singh Keer, Keer Mansion, Lalbagh Road, Burhanpur, (M.P) Metal Stone Quarry at Khasra No- 110/1, 110/2, Village Jaisingpura, Dist- Burhanpur (M.P.) Lease Area- 0.79 ha., Capacity –10,000 Cum/Year (As per mine plan).

BACKGROUND

The case was discussed in the 181st SEAC meeting dated 27/03/2015. Presentation & submissions made by the PP were discussed in the meeting. The maximum production capacity to be considered should be as per mining plan i.e. 10,000 cubic meters per year. The EMS and other submissions made by the PP were found to be satisfactory and acceptable. However, Scrutiny of the document revealed that the certificate of Tehsildar is not produced by the PP. Hence, PP was asked to submit the same. PP has submitted the requisite information duly verified from Tehsildar. The same was placed before the committee.

The case was again discussed in 198th SEAC meeting dated 04/06/2015 wherein PP was asked to submit Site specific EMP addressing environmentally sustainable production with appropriate evacuation plan, impacts and their mitigation.

The case was again scheduled in the 255th SEAC meeting dated 02/01/2016 wherein PP has submitted the response to the above queries (vide letter dated 15/09/2015) by submitting site specific EMP which was placed before the committee. After deliberations, committee decided that as the EMS and other submissions made 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 condition in addition to the standard conditions at annexure :-A

1. Production of Stone as per mine plan with quantity not exceeding 10,000 cum/year.

SEIAA vides letter no. 11763/SEIAA/16 dated 11/03/2016 has sent back the file for re-appraisal after site visit as mine site is in close vicinity of a village and its habitation.

As decided, Dr. Navin Chandra, Chairman SEAC and Shri. Mohd. Kasam Khan, Member SEAC visited the site on 15/05/2016. During inspection, Dr. Abhaya K. Saxena, Sr. Scientific Officer, MP Pollution Control Board, Bhopal and Shri Ramanjeet Singh Keer, mine owner were also present.

PROJECT DETAILS

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Village Village Jaisingpura, Dist- Burhanpur (M.P.) with lease Area- 0.79 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan and requisite information in the prescribed format duly verified by the DFO. It was reported by the concerned Mining Officer of mining

department vide letter no. 33 dated 02/01/2015, that one mine is operating / proposed within 500 meter radius around the said mine and the total lease area is 3.54 ha.

This is a mine lease of Stone Quarry in an area of 0.79 ha and the site is approx. 700 meters away from the village Jaisinghpura. No water body is seen in and around and nearby area at the time of inspection except the old mined pit belongs to Mr. Amrik Singh which was having small quantity of rain water. The Tapti River is also passing near the lease from the north- western side and is approx 500 meters away. The quantity of top soil in the lease area is approx. 01 meter. The Burhanpur ó Amravati road is approx. 800 meters away from the site and the connecting road is a metal road for the transportation of the minerals which joins village Zainabad and Jaisinghpura. A crusher is also installed on the site which will be dismantled as submitted by the PP. No mining activities were carrying out at the time of inspection however water tankers and other machinery required for the mining do exist on the site. No forest area could be located visually nearby the mine except agricultural fields of banana. During site inspection, no other activities could be seen in and around the site.

As far as issue of village and its habitation is concerned, the nearest habitation is approx 100 meters away from the lease and PP informed that these are labours hutments and are likely to be shifted. But since these hutments are there and located close to the mine, PP may be asked to provide a wind breaking wall of 03 meter height of GI Sheet or suitable material which should be erected towards village site for protection from the fugitive emissions. PP may also be instructed to install crusher close to the western side of the lease boundary.

Following recommendations are made after site visit:-

1. A wind breaking wall of 03 meter height of GI Sheet or suitable material should be erected towards village site.
2. Garland drains with settling pit of suitable capacity may also be provided to avoid any runoff towards agricultural fields.
3. Thick plantation should be carried out towards nearby habitat side.
4. The mine should be properly fenced to avoid any accident and in future it should be developed as a water body.

5. No evacuation of material should be done from the side of the nearby habitat.

The above report of the committee was placed in the meeting for discussions. The committee after going through the recommendations of inspection report decided that the inspection report alongwith case file may be sent to SEIAA for grant of EC subject to the following special conditions in addition to the standard conditions at annexure ~~A~~

1. Production of Stone as per mine plan with quantity not exceeding 10,000 cum/year.
2. A wind breaking wall of 03 meter height of GI Sheet or suitable material should be erected towards village site.
3. Garland drains with settling pit of suitable capacity may also be provided to avoid any runoff towards agricultural fields.
4. Thick plantation should be carried out towards nearby habitat side.
5. The mine should be properly fenced to avoid any accident and in future it should be developed as a water body.
6. No evacuation of material should be done from the side of the nearby habitat.

25. Case No. – 859/2012 Shri Sanjeet Singh Keer, Keer Farms, Opp, Tapti Mills Road, Lalbagh Burhanpur Dist. Burhanpur, (M.P.) Rec. 21/01/15 Lease Area- 1.54 ha. Jainabad Metal stone Quarry Production (50,000 cubic meter per year) at Khasra No.- 234, 221/1, 233/2,3 Village Jainabad, Tehsil- Burhanpur, Distt.- Burhanpur (M.P.)

BACKGROUND

The case was considered in the 181st SEAC dated 27/03/15 whereby presentation & submissions made by the PP were discussed in the meeting. The maximum production capacity to be considered should be as per mining plan i.e. 30,000 cubic meters per year. The EMS and other submissions made by the PP were found to be satisfactory and acceptable. However, the PP has not furnished the details of expenditures to be incurred for the monitoring and other relevant environmental activities and thus was asked to furnish:-

1. The details of expenditures to be incurred for the monitoring and other relevant environmental activities in Environmental Management Plan.

The case was again discussed in the 204th SEAC meeting dated 04/07/2015 wherein it is recorded that Committe is of the view that the targeted production may not be achieved in

view of the size and shape of the lease area hence the production capacity was restricted to 20000 M3 / Year for environmentally sustainable mining.

PP has submitted the requisite information along with the supporting documents. Thus, based on the submissions and presentation the case was recommended for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of stone boulder shall be as per the mining plan not exceeding 20000 *cum/year*.

PROJECT DETAILS

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Village Jainabad, Tehsil- Burhanpur, Distt.- Burhanpur (M.P.). The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan and requisite information in the prescribed format duly verified by the Tehsildar & DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 32 dated 02/01/2015, that one mine is operating / proposed within 500 meter radius around the said mine and the total lease area is 3.54 ha.

SEIAA vides letter no. 11765/SEIAA/16 dated 11/03/2016 has sent back the file for re-appraisal as mine site is close to human settlement & pucca road. Since in another case SEIAA asked for site visit (Case No. 6 1144/2013 Shri Ramanjeet Singh Keer), it was decided that site inspection should also be carried out of this site as it is located in the same area of Burhanpur town.

As decided, Dr. Navin Chandra, Chairman SEAC and Shri. Mohd. Kasam Khan, Member SEAC visited the site on 15/05/2016. During inspection, Dr. Abhaya K. Saxena, Sr. Scientific Officer, MP Pollution Control Board, Bhopal and Shri Sanjeet Singh Keer, mine owner were also present.

This is a mine lease of Stone Quarry in an area of 1.52 ha and the site is approx. 750 meters away from the village Jaisinghpura. No water body is seen in and around the query and nearby area at the time of inspection except the old mined pit belonging to Mr. Amrik Singh, which was having small quantity of rain water. The Tapti River is also passing near the lease from the north- western side and is approx 500 meters away. The quantity of top soil in the lease area is almost nil. The Burhanpur ó Amravati road is approx. 750 meters away from the site and the connecting road is a metal road for the transportation of the minerals which joins village Zainabad and Jaisinghpura. No mining activities were carrying out at the time of inspection. No forest area could be located visually nearby the mine except agricultural fields of banana. During site inspection, no other activities could be seen in and around the site.

As far as issue of road and habitation is concerned, the nearest habitation is approx 150 meters away from the lease. The village tar road is approx. 70 meters away from the lease. But since the lease is in close vicinity of road and habitations, PP may be asked to provide a wind breaking wall of 03 meter height of GI Sheet or suitable material which should be erected towards road and village side for protection from the fugitive emissions. PP may also be instructed to install crusher close to the western side of the lease boundary.

Following recommendations are made after site visit:-

1. A wind breaking wall of 03 meter height of GI Sheet or suitable material should be erected towards village site.
2. Garland drains with settling pit of suitable capacity may also be provided to avoid any runoff towards agricultural fields.
3. Thick plantation should be carried out towards nearby habitat side.
4. The mine should be properly fenced to avoid any accident and in future it should be developed as a water body.
5. No evacuation of material should be done from the side of the nearby habitat.

The above report of the committee was placed in the meeting for discussions. The committee after going through the recommendations of inspection report decided that the inspection

report alongwith case file may be sent to SEIAA for grant of EC subject to the following special conditions in addition to the standard conditions at annexure -A

1. Production of Stone as per mine plan with quantity not exceeding 20,000 cum/year.
2. A wind breaking wall of 03 meter height of GI Sheet or suitable material should be erected towards village site.
3. Garland drains with settling pit of suitable capacity may also be provided to avoid any runoff towards agricultural fields.
4. Thick plantation should be carried out towards nearby habitat side.
5. The mine should be properly fenced to avoid any accident and in future it should be developed as a water body.
6. No evacuation of material should be done from the side of the nearby habitat.

(Dr. Mohd. Akram Khan, Member)

(Dr. Navin Chandra, Chairman)

(Prashant Shrivastava, Member)

(Mohd. Kasam Khan, Member)

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 and in extreme summer season hourly road wetting be done.
11. PP should also maintain a log book containing annual details of tree plantation and casualty 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.

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 above high flood level and a log book be maintained.
4. The mining activity shall be done manually.
5. Heavy vehicles shall not be allowed on the banks for loading of sand. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded and in extreme summer season hourly road wetting be done.
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.