

The 40th meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 25th July, 2016 under the Chairmanship of Dr. Navin Chandra for discussion on the query responses submitted by the PP and the projects issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram khan, Member.
2. Shri. Prashant Shrivastava, Member.
3. Shri Rajendra Kumar Sharma, Member.
4. Shri. Anil Kumar Sharma, Member.

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

1. Case No.-5252/2016 Shri Darshan Porwal S/o Shri Iswar Porwal, G-2, Rishi Nahar Ujjain, The. & Dist. Ujjain. Prior Environment Clearance for River Sand Deposit Quarry in an area of 9.24 ha. (1872 cum/year) at Khasra no.-632, 511, 760, 807, 359, Village-Shribacch Tehsil - Khachrod, Dist. Ujjain (MP)

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-632, 511, 760, 807, 359, Village-Shribacch Tehsil - Khachrod, Dist. Ujjain (MP) 9.24 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.-3400 dated: 28/12/15, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

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

2. Case No. - 3095/15 - Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12 Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Prior E.Cfor approval of Malpone River Sand Quarry in Lease Area -6.00

ha., Capacity- 1,50,000 cum/year at Khasra No.-1/1, Vill.-Malpone, Teh.-Handiya, District-Harda (MP)

This is case of Malpone River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1/1, Vill.-Malpone, Teh.-Handiya, District-Harda (MP) 6.00 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 vides letter no.-10807, dated: 10/09/2015, has reported that there is 01 more mines operating or proposed within 1000 meters around the said mine and Total Area-12.00 ha.

Earlier, the case was presented by the PP in the 242nd SEAC meeting dated 07/11/2015 wherein it is recorded that:

“As per the co-ordinates submitted by the PP, the Google image of April, 2013 indicates that 70% of ML area falls under water even in the image of February. The proposed quantity of 1, 50,000 cum/year does not seems to be possible with submergence of 70% area in water as mid stream mining is not permitted. The mining plan therefore needs reassessment of the production capacity based on annual replenishment. The case is therefore deferred till submission of the same through SEIAA”.

The case was again presented by the PP and their consultant in the 15th SEAC II meeting dated 27/3/2016 wherein it is recorded that:

SEIAA vides their letter no. 12340/SEIAA/16 dated 21/03/2016 have forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant wherein PP informed that they have revised the mine plan which will be submitted to SEIAA for necessary action. The committee decided that case should be differed till the submission of revised mine plan through SEIAA.

SEIAA vide their letter no. 2387/SEIAA/16 dated 05/07/2016 have forwarded the revised mine plan with replenishment plan of the above lease for appraisal.

The case was presented by the PP and their consultant during which Shri Rajiv Saxena, OIC, MPSMC was also present. During scrutiny of documents it was observed by the committee that though PP have submitted the revised mine plan but the proposed volume of sand evacuation remains the same i.e. 1,50,000 cum/year and replenishment is also submitted for the same capacity. During presentation committee also observed that as per the recent Google image of November, 2015 based on the co-ordinates provided by the PP, approx 70% of the lease area is submerged in the water which is in line with the observations earlier made by the committee in the 242^{ed} SEAC meeting dated 07/11/2015 and thus committee recommends that only 45,000 cum/year of sand evacuation may be permitted from this site as mid stream mining is not allowed. The other submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 45,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

3. Case No.-5270/2016 M.P.State Mining Corporation Ltd , Sub Lease Shri Suresh Infrastructure, Deputy Officer, Jabalpur (M.P.) Paryawa Bhawan, Block No. 1, 2nd Floor Jail Road, Bhopal. Prior Environment Clearance for River Sand Ghat Quarry in an area of 14.920 ha. (40000 cum/year) at Khasra No. 397 at Village-Pawla, Tehsil - Sahpura, Dist. Jabalpur.

This is case of River Sand Ghat Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 397 at Village-Pawla, Tehsil - Sahpura,

Dist. Jabalpur 14.920 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 Collector in the form of ekal certificate has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed by the committee that the as per the Google image of October, 2014 based on the co-ordinate provided by the PP, approx 70% of the lease area is submerged in the water and evacuation of sand is possible only from the remaining 30% area. Since the proposed volume of sand evacuation is only 40,000 and sanctioned area of lease is 14.920 ha. Hence committee feels that the proposed volume of sand can be evacuated from the remaining 30% of the lease area. The other submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 40,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

4. Case No.-5271/2016 Shri Gurudayal Bhaduriya, Rai Khedi Road, Ward No. 6, Sai Prakash Ward, Pipariya, Distt. Hoshangabad – 462 135 (SIA/MP/MIN/55557/16). Prior Environment Clearance for Sand Deposit in an area of 10.00 ha. (100000 cum/year) at Khasra No. 114 at Village-Rewa Mohari, Tehsil - Sohagpur, Dist. Hoshangabad (MP)

This is case of Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 114 at Village-Rewa Mohari, Tehsil - Sohagpur, Dist. Hoshangabad (MP) 10.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 564 dated: 13/6/16 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 20.00 ha including this mine.

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

5. Case No.-5272.2016 M/s Shiva Corporation Pvt. Ltd, 312, Ganpati Plazam M1 Road, Jaipur, Rajasthan (SIA/MP/MIN/10954/16). Prior Environment Clearance for River Sand Quarry in an area of 21.733 ha. (217330 cum/year) at Khasra No. 01, 165 at Village-Badgaon Mohari, Tehsil - Nasrullaganj, Dist. Sehore (MP)

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 01, 165 at Village-Badgaon Mohari, Tehsil - Nasrullaganj, Dist. Sehore (MP) 21.733 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. 1814 dated: 13/06/16, has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 69.174 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that concerned mining officer vide letter no. 1814 dated: 13/06/16 has reported that there are 04 more mines operating or proposed within 1000 meters around the said mine with total area of 69.174 ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

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

6. Case No.-5273/2016 M/s Digiana Industries Pvt. Ltd, Shri Tejinder Singh, G-1 Sapna Chambers, 12/1 South Tukoganj, Indore (M.P.) (SIA/MP/MIN/9556/16). Prior Environment Clearance for Sand Deposit in an area of 10.55 ha. (184000 cum/year) at Khasra No. 126 at Village-Raipur, Tehsil - Hoshangabad, Dist. Hoshangabad (MP)

This is case of Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 126 at Village-Raipur, Tehsil - Hoshangabad, Dist. Hoshangabad (MP) 10.55 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 564 dated: 13/06/16 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 66.66 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was informed to the PP that as per MO certificate it's a case of TOR as the total area of leases within 500 meters is >25.00 ha. PP informed that as per the recent notification of GOI, MoEF&CC dated 01/07/2016 all the mining leases for which mine lease or query license is granted before 09/09/2013 will not become the part of cluster.

The copy of above notification was made available to all the members of the committee for perusal. In the GOI, MoEF&CC notification dated 01/07/2016 it is stated that "*A cluster shall be formed when the distance between the peripheries of one lease is < than 500 meter from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or query license granted on and after 09/09/2013*".

Thus committee after deliberations decided that PP should submit revised mining officer certificate clearly stating the number of leases within 500 meters of the periphery of this lease on Khasra map showing the details of all the other leases and their relevant information in following format:

Sl. No.	Name & details of leases	Khasra No.	Area of lease	Name of the minerals and their production capacity	Lease Sanctioned order & date. (please attach copy of lease sanction order)	Present status of lease i.e. operative/proposed /non-operative. If non-operated from when it is non-operative with order (if any).	Present status of lease i.e. EC granted/ applied. If EC granted- date of EC should be mentioned. (Please attach copy of EC letter.)

The above certificate should be issued by mining officer which should be duly verified /authenticated by the Director, Geology and Mining or their concerned Regional Officer, Geology and Mining for further consideration of the project.

7. Case No.-5274/2016 Shri Gurudayal Bhaduriya, Rai Khedi Road, Ward No. 6, ai Prakash Ward, Pipariya, Distt. Hoshangabad – 462 135 (SIA/MP/MIN/56353/16-EC). Prior Environment Clearance for Sand Deposit in an area of 8.522 ha. (42610 cum/year) at Khasra No. 115 at Village-Dandiya Kishore, Tehsil - Pipariya, Dist. Hoshangabad (MP)

This is case of Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 115 at Village-Dandiya Kishore, Tehsil - Pipariya, Dist. Hoshangabad (MP) 8.522 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-564 dated: 13/6/16 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 10.522 ha including this mine.

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

8. Case No.-5275/2016 M/s A D Agro Pvt Ltd Indore – 452002 (M.P.) (SIA/MP/MIN/10765/16). Prior Environment Clearance for Sand Deposit Quarry in an area of 10.00 ha. (175000 cum/year) at Khasra No. 126 at Village-Raipur, Tehsil - Hoshangabad, Dist. Hoshangabad (MP)

This is case of Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 126 at Village-Raipur, Tehsil - Hoshangabad, Dist. Hoshangabad (MP) 10.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 564 dated: 13/6/16 has reported that there are 08 more mines operating or proposed within 500 meters around the said mine with total area of 87.22 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was informed to the PP that as per MO certificate it's a case of TOR as the total area of leases within 500 meters is >25.00 ha. PP informed that as per the recent notification of GOI, MoEF&CC dated 01/07/2016 all the mining leases for which mine lease or query license is granted before 09/09/2013 will not become the part of cluster.

The copy of above notification was made available to all the members of the committee for perusal. In the GOI, MoEF&CC notification dated 01/07/2016 it is stated that “*A cluster shall be formed when the distance between the peripheries of one lease is < than 500 meter from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or query license granted on and after 09/09/2013*”.

Thus committee after deliberations decided that PP should submit revised mining officer certificate clearly stating the number of leases within 500 meters of the periphery of this lease on Khasra map showing the details of all the other leases and their relevant information in following format:

Sl. No.	Name & details of leases	Khasra No.	Area of lease	Name of the minerals and their production capacity	Lease Sanctioned order & date. (please attach copy of lease sanction order)	Present status of lease i.e. operative/proposed /non-operative. If non-operated from when it is non-operative with order (if any).	Present status of lease i.e. EC granted/ applied. If EC granted- date of EC should be mentioned. (Please attach copy of EC letter.)

The above certificate should be issued by mining officer which should be duly verified /authenticated by the Director, Geology and Mining or their concerned Regional Officer, Geology and Mining for further consideration of the project.

9. Case No.-5276/2016 M/s Sainik Foods Pvt. Ltd, Sub-Lessee of MPSMCL of HIG-D-5, Dindayal Nagar Phase-1, Kantha Road, Muradabad, U.P. – 244001. Prior Environment Clearance for Sand mining in an area of 16.032 ha. (160000 cum/year) at Khasra No. 178 at Village-Badgaon, Tehsil - Nasrullaganj, Dist. Sehore (MP)

This is case of Sand mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 178 at Village-Badgaon, Tehsil - Nasrullaganj, Dist. Sehore (MP) 16.032 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. 1814 dated: 13/06/16 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 69.174 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that concerned mining officer vide letter no. 1814 dated: 13/06/16 has reported that there are 04 more mines operating or proposed within 1000 meters around the said mine with total area of 69.174 ha including this mine. It being a case of cluster where the total area is > 25 ha it was

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

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

10. Case No.-5277/2016 M/s Shivam Enterprises, 6-Vaishali Complex, MP Nagar, Zone-2, Bhopal, MP - (SIA/MP/MIN/13936/16). Prior Environment Clearance for Sand Deposit Quarry in an area of 10.55 ha. (168880 cum/year) at Khasra No. 126 at Village-Raipur, Tehsil - Hoshangabad, Dist. Hoshangabad (MP)

This is case of Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 126 at Village-Raipur, Tehsil - Hoshangabad, Dist. Hoshangabad (MP) 10.55 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. 92 dated: 23/4/16 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 52.11 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was informed to the PP that as per MO certificate it's a case of TOR as the total area of leases within 500 meters is >25.00 ha. PP informed that as per the recent notification of GOI, MoEF&CC dated 01/07/2016 all the mining leases for which mine lease or query license is granted before 09/09/2013 will not become the part of cluster.

The copy of above notification was made available to all the members of the committee for perusal. In the GOI, MoEF&CC notification dated 01/07/2016 it is stated that *“A cluster shall be formed when the distance between the peripheries of one lease is < than 500 meter from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or query license granted on and after 09/09/2013”*.

Thus committee after deliberations decided that PP should submit revised mining officer certificate clearly stating the number of leases within 500 meters of the periphery of this lease on Khasra map showing the details of all the other leases and their relevant information in following format:

Sl. No.	Name & details of leases	Khasra No.	Area of lease	Name of the minerals and their production capacity	Lease Sanctioned order & date. (please attach copy of lease sanction order)	Present status of lease i.e. operative/proposed /non-operative. If non-operated duration from when it is non-operative with order (if any).	Present status of lease i.e. EC granted/ applied. If EC granted- date of EC should be mentioned. (Please attach copy of EC letter.)

The above certificate should be issued by mining officer which should be duly verified /authenticated by the Director, Geology and Mining or their concerned Regional Officer, Geology and Mining for further consideration of the project.

11. Case No.-5282/2016 M/s Vedansh Minerals Resources LLP, Sub Leese, M/s M.P.State Mining Corporation Ltd, 10/499, B, Alenganj, Khasilen, Kanpur, UP – 208002. Prior Environment Clearance for Sand Quarry in an area of 21.100 ha. (211000 cum/year) at Khasra No. 122 at Village-Madikheda, Tehsil - Sevda, Dist. Datiya (MP)

This is case of Sand Quarry (Khodu Bharu). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 122 at Village-Madikheda, Tehsil - Sevda, Dist. Datiya (MP) 21.100 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. 559 dated 26/09/2015 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein after presentation, PP was asked to submit revised budgetary allocations for the EMP & CSR and depth of ground in the lease area.

12. Case No.-5286/2016 M/s Sainik Foods Pvt. Ltd, Sub Lessee of MPSMCL of HIG-D-5, Dindayal Nagar, Phase -1 Kantha Road, Muradabad - UP – 244001 (SIA/MP/MIN/16281/16). Prior Environment Clearance for Sand mining in an area of 15.00 ha. (150000 cum/year) at Khasra No. 1/1 at Village-Pawarkheda, Tehsil - Babai, Dist. Hoshangabad (MP)

This is case of Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 1/1 at Village-Pawarkheda, Tehsil - Babai, Dist. Hoshangabad (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 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. 2748 dated: 15/7/15 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 53.746 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was informed to the PP that as per MO certificate it's a case of TOR as the total area of leases within 500 meters is >25.00 ha. PP informed that as per the recent notification of GOI, MoEF&CC dated 01/07/2016 all the mining leases for which mine lease or query license is granted before 09/09/2013 will not become the part of cluster.

The copy of above notification was made available to all the members of the committee for perusal. In the GOI, MoEF&CC notification dated 01/07/2016 it is stated that *“A cluster shall be formed when the distance between the peripheries of one lease is < than 500 meter from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or query license granted on and after 09/09/2013”*.

Thus committee after deliberations decided that PP should submit revised mining officer certificate clearly stating the number of leases within 500 meters of the periphery of this lease on Khasra map showing the details of all the other leases and their relevant information in following format:

Sl. No.	Name & details of leases	Khasra No.	Area of lease	Name of the minerals and their production capacity	Lease Sanctioned order & date. (please attach copy of lease sanction order)	Present status of lease i.e. operative/proposed /non-operative. If non-operated duration from when it is non-operative with order (if any).	Present status of lease i.e. EC granted/ applied. If EC granted- date of EC should be mentioned. (Please attach copy of EC letter.)

The above certificate should be issued by mining officer which should be duly verified /authenticated by the Director, Geology and Mining or their concerned Regional Officer, Geology and Mining for further consideration of the project.

13. Case No.-5289/2016 Smt. Shalini Chauhan, M/s S.R.Industries, Lessee, D-31, Aakriti Garden, Nehru Nagar, Bhopal – 462003. Prior Environment Clearance for Sand Deposit auctioned Quarry in an area of 8.00 ha. (14,400 cum/year) at Khasra No. 978 at Village-Rampura, Kamlapura, Mahur, Tehsil - Guna, Dist. Guna (MP)

This is case of Sand Deposit auctioned Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 978 at Village-Rampura, Kamlapura, Mahur, Tehsil - Guna, Dist. Guna (MP) 8.00 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 no1003 dated: 16/5/16 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

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

- Production of Sand as per mine plan with quantity not exceeding 14,400 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.

- No diversion of active channel should be allowed for mining.

14. Case No.5208/15 Shri Hafij Ul Rehman S/o Shri Ajj Ul Rehman, Vill. Choma, Tehsil - Badodiya, Distt. Shajapur, M.P. – 465226. Prior Environment Clearance for River Sand mining in an area of 10.240 ha. (5125 cum/year) at Khasra no.-886, Village-Choma, Tehsil - Badodiya, Dist. Shajapur (MP)

This is case of River Sand mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-886, Village-Choma, Tehsil - Badodiya, Dist. Shajapur (MP) 10.240 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 14, dated: 05/01/16 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 31st SEAC meeting dated 15/06/2016. Committee decided to call the PP in subsequent meetings giving him last chance to present his case and if the PP remains absent even then, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

15. Case No.-2167/2014 Shri Sishu Pal Singh S/o Shri Chotu Singh Ji, Owner, Hindoun City, Dist-Karouli (Raj.)-322241. Prior Environment Clearance for approval of proposed Amlori River Sand Quarry in an area of 6.00 ha. (176400 cum/Year at Khasra no.-239, Village-Amlori, Tehsil-Singrauli, District-Singhrauli (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No, 239 at Village-Amlori, Tehsil-Singrauli, District-Singhrauli (MP) 6.00 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.1864/2014 dated: 27/12/2014 has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 33rd SEAC meeting dated 24/06/2016. Committee decided to call the PP in subsequent meetings giving him last chance to present his case and if the PP remains absent even then, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

16. Case No. -5179/16 Shri Swatantra Mishra, Prop., M/s Swatantra Group, Road No. 3, Neha Nagar, District-Sagar (MP)-470113. Prior Environment Clearance for Sand Quarry Deposit in an area of 5.50 ha. (22,649 cum/year) at Khasra No.-01, Village-Lakhahar, Tehsil-Bina, District-Sagar (MP)

This is case of Sand Quarry Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-01, Village-Lakhahar, Tehsil-Bina, District-Sagar (MP) 5.50 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 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. 1752, dated: 11/12/15, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of 16.5 ha including this mine.

The case was scheduled for presentation in the 31st SEAC II meeting dated 15/06/2016 wherein it is recorded that *“Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 28th SEAC II meeting dated 02/06/2016. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project”*.

The case was again scheduled for the presentation today but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Earlier PP was also

absent in the 28th SEAC-II meeting, 31st SEAC II & 36 SEAC II meeting. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

17. Case No. – 2627/2015 Shri Pradeep Kumar Mittal, Director, M/s Balaji Marble and Tiles Pvt. Ltd., 11-12, Dunne Market, Jabalpur Road, Bargawan, Distt.-Katni Rajasarai. River Sand Quarry Lease Area - 6.00 ha., Capacity - 1,71,500 cum/year at Khasra no.-Vill.-Rajasarai, Teh.-Singrauli, Distt.- Singrauli (M.P.)

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-76, Vill.-Rajasarai, Teh.-Singrauli, Distt.-Singrauli (M.P.) 6.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1610, dated: 22/08/15, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

SEIAA vides their letter no. 2542/SEIAA/16 dated 13/07/2016 have forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant. During discussion, it was observed by the committee that in the annual replenishment plan submitted by the PP and approved by the competent authority, it is mentioned that “*Required quantity of sand is available at the QL area. Annual production capacity is 1,71,000 cum/year which will not be easily replenished*”, which reflects that as per the annual replenishment plan the desired volume of sand will not be available for evacuation of sand from the allotted lease. The above lease is allotted/sanctioned by the office of the collector, singrauli vide letter no. 1552 dated 30/10/2014. The committee after deliberations decided that Collector, Singrauli may be requested to submit an inspection report regarding the present status of sand availability at this particular lease and volume of sand evacuated during last 05 years from this lease for further consideration of the project.

18. Case No.-5269/2016 Shri Ehsan Khan, Owner, Village - Dodiya, Tehsil - Jaora, Dist. Ratlam, MP – 457001. Prior Environment Clearance for River Sand Deposit in an area of 6.160 ha. (1850 cum/year) at Khasra no.-218, 323, 99, Village-Raghunathgarh, Tehsil - Ratlam, Dist. Ratlam (MP)

This is case of River Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-218, 323, 99, Village-Raghunathgarh, Tehsil - Ratlam, Dist. Ratlam (MP) 6.160 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. 1604 Dated: 30/10/2015 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 37th SEAC meeting dated 12/07/2016. Committee decided to call the PP in subsequent meetings giving him last chance to present his case and if the PP remains absent even then, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

19. Case No.5236/15 M/s Esteem Infrabuild Pvt. Ltd, Dist. Bhind, Rajasthan – 477001. Prior Environment Clearance for Sand Deposit Quarry in an area of 7.780 ha. (77800 cum/year) at Khasra no.-1420 (Old-1472, 1473, 1495) Village-Goram, Tehsil - Mehgaon, Dist. Bhind (MP)

This is case of Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-1420 (Old-1472, 1473, 1495) Village-Goram, Tehsil - Mehgaon, Dist. Bhind (MP) 7.780 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 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. 07, dated:

19/08/15 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 36.78 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was informed to the PP that as per MO certificate it's a case of TOR as the total area of leases within 500 meters is >25.00 ha. PP informed that as per the recent notification of GOI, MoEF&CC dated 01/07/2016 all the mining leases for which mine lease or query license is granted before 09/09/2013 will not become the part of cluster.

The copy of above notification was made available to all the members of the committee for perusal. In the GOI, MoEF&CC notification dated 01/07/2016 it is stated that *“A cluster shall be formed when the distance between the peripheries of one lease is < than 500 meter from the periphery of other lease in a homogeneous mineral area which shall be applicable to the mine leases or query license granted on and after 09/09/2013”*.

Thus committee after deliberations decided that PP should submit revised mining officer certificate clearly stating the number of leases within 500 meters of the periphery of this lease on Khasra map showing the details of all the other leases and their relevant information in following format:

Sl. No.	Name & details of leases	Khasra No.	Area of lease	Name of the minerals and their production capacity	Lease Sanctioned order & date. (please attach copy of lease sanction order)	Present status of lease i.e. operative/proposed /non-operative. If non-operated duration from when it is non-operative with order (if any).	Present status of lease i.e. EC granted/ applied. If EC granted- date of EC should be mentioned. (Please attach copy of EC letter.)

The above certificate should be issued by mining officer which should be duly verified /authenticated by the Director, Geology and Mining or their concerned Regional Officer, Geology and Mining for further consideration of the project.

20. Case No. – 2839/2015 Shri Nagendra Singh, OIC, M.P. State Mining Corporation Ltd., Civil Line, Tikamgarh (MP)-472001. Sand Quarry Lease Area- 5.850 ha. Capacity - 1,00,000 cum/year, at Khasra No. – 665, Vill.-Karoula, Teh.-Palera, District-Tikamgarh (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. – 665, Vill.-Karoula, Teh.-Palera, District-Tikamgarh (MP) 5.850 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. 1259 dated: 01/12/15, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was earlier presented by the PP and their consultant in the 17th SEAC meeting dated 06/04/2016 wherein it is recorded that;

“during presentation it was observed as per Google image of April, 2014 and February, 2012 that entire lease area is submerged in the water and also the site is located on the upstream of a dam. The Google image submitted by the PP and their consultant along with the presentation was very old and was off June, 2004. The committee also instructed the consultant & PP to always attach recent available Google image with the presentation in the future for realistic assessment of the site. The committee after deliberations decided that since entire lease area is submerged in water as per the Google image of April, 2014 (summer season) the grant of Environmental Clearance is not recommended for this QL for the above mentioned reasons”.

SEIAA vide letter no. 2383/SEIAA/16 dated 05/07/2016 has sent back the file to SEAC stating that *“PP has submitted the recent photographs of the site. The case may be sent to SEAC along with the site photographs for re-appraisal”.*

The case was presented by the PP and their consultant. During discussion it was observed by the committee that the photographs (dated 29/04/2016) submitted by the PP reflect that most parts of the lease is stony and also having vegetation (shrubs). Very thin volume of sand could be observed in one photograph submitted by the PP. The committee after deliberations decided to carryout site visit of this lease after rainy season by a sub-committee for further decision in this case.

DISCUSSION ON QUERY RESPONSE SUBMITTED BY PP AND THE PROJECT ISSUES RECEIVED FROM SEIAA**21. Case No. – 3124/2015 Shri Motilal Nayak S/o Shri Guman Ji Nayak, Village-Lodhipura, Tehsil-Dharampuri, Dhar (M.P.)-454552 Basalt Stone Quarry Lease Area - 3.00 Capacity – 19,950 cum/year, at Village-Lodhipura, Tehsil- Dharampuri, District-Dhar (M.P.)**

This is a case of mining of Basalt Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-156/1, 97, at Village-Lodhipura, Tehsil- Dharampuri, District-Dhar (M.P.) 3.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 612, dated: 10/4/15, has reported that there is 02 more mines operating or proposed within 500 meters around the said mine and Total Area-9.0 ha. The mine is operating since 2009 with about 8-9 meter depth the ultimate depth proposed is 12 meters.

The case was earlier discussed in the 209th SEAC meeting dated 24/07/2015 wherein it is recorded that

“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 conditions in addition to the standard conditions at annexure ‘A’”:

- *Production of stone boulder shall be as per the approved mining plan restricted to 6250 cum / Year.*
- *Maximum depth of the pits shall not exceed 12 meters.*
- *A buffer of 7.5 meters shall be maintained all around the lease area”.*

SEIAA on dated 20/06/2016 sent back the file to SEAC for clarification on quantity which was placed before the committee. The committee observed that the quantity recommended in the 209th SEAC meeting dated 24/07/2015 was 6250 cum/year wherein actually it was a proposal for expansion from 6250 cum/year to 19,950 cum/year as per the form-1 submitted by the PP and the mine plan is also approved for 19,950 cum/year. It was also observed by the committee that PP has made the presentation for the production capacity of 19,950 cum/year and may be due to typographical error production quantity was mentioned as 6250 cum/year. The committee

after deliberations recommends that the production quantity should be read as 19,950 cum/year for stone and other conditions will remain same as per the recommendations of 209th SEAC meeting dated 24/07/2015.

22. Case No.4054/15 Shri T. Ravi Patnayak, Project Manager, M/s Larsen & Toubro Ltd., Sub Lessee, M/s M.P. State Mining Corporation Ltd., TC III Tower B, 7th Floor, B-Wing, Post Box 979, Manpakkam, Chennai, Tamilnadu-600001 Prior Environment Clearance for approval of Sand Quarry in an area of 18.00 ha. (1,44,000 cum/year) at Khasra No.- 718, 828, Village-Khajura, Tehsil-Vijayraghavgarh, District-Katni (MP)

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- 718, 828, Village-Khajura, Tehsil-Vijayraghavgarh, District-Katni (MP) 18.00 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 in the form of combined NOC vide letter no.-4040 dated: 26/09/15 and has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was earlier discussed in the 268th SEAC meeting dated 16/01/2016 wherein it is recorded that:

“The committee after going through the recommendations of inspection report observed that since the mine is located close to the Bansagar dam the entire mine might be submerged in the backwater of the dam. The available Google image is of 07/05/2014 which is old and thus it was difficult to ascertain the submergence of the lease area. The committee after deliberations recommends that the information may be sought by PP from the concerned authority (like irrigation, PHE etc) whether the allotted lease area falls under the submergence of back water of Bansagar dam and submit for further consideration”.

The M. P. State Mining Corporation limited vide their letter No. 286 dated 21/07/2016 have submitted the report of Collector, Katni which was placed before the committee. The committee observed that Collector, Katni vide letter no. 2418 dated 25/06/2016 have submitted that 80 to 90% of lease area is submerged in water and in remaining 10% area silt is deposited which is

mud accumulated from the nearby agricultural fields. The Collector's report is based on the inspection carried out by a sub-committee comprising of E.E., WRD, Katni, E.E., PHE, Katni, OIC, MPSMCL, Katni and Mining Inspector, Vijayraghavgarh. The committee after deliberations decided that as per the Collector's report since the entire lease area is not minable due to its submergence in water and accumulation of mud from the nearby agricultural fields, this case cannot be recommended for grant of Environmental clearance.

(Dr. Mohd. Akram Khan, Member)

(Rajendra Kumar Sharma, Member)

(Prashant Shrivastava, Member)

(Anil Kumar sharma, Member)

(Dr.NavinChandra, Chairman)

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

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

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

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 tarpoline 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.