

The 16<sup>th</sup> meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 03<sup>th</sup> April, 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. Sonal Mehta, Member.
2. Dr. Mohd. Akram khan, Member.
3. Shri. Mohd. Kasam khan, Member.
4. Shri. Prashant Shrivastava, Member.

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

1. **Case No. – 2844/2015 Shri Suresh Kumar Dubey, DGM (Geology), M.P. State Mining Corporation Ltd., Vanshroop Ward, Bhatatha Mohalla, Katni (MP)-483501 Sand Quarry Lease Area- 4.049 ha.Capacity - 1,50,000 cum/year, at Khasra No. – 29, 117, Vill.-Salaiya, Teh.-Manpur, District-Umariya (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. 29, 117, Vill.-Salaiya, Teh.-Manpur, District-Umariya (MP) 4.049 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.

The case was earlier discussed in the 242<sup>nd</sup> SEAC meeting dated 07/11/2015 wherein during deliberations PP informed that they have submitted revised mine plan with reduction in capacity and thus their case be considered only after the receipt of the same. Considering the same, the case has been deferred till receipt of the same through SEIAA.

SEIAA vide their letter no. 11771/SEIAA/16 dated 11/03/2016 have forwarded the replenishment plan of the above lease alongwith revised mine plan received in SEIAA on dated 01/01/2016 wherein as per the approved mine plan the sanctioned capacity is reduced from 1,50,000 cum/year to 40,490 cum/year. PP has also submitted combined single certificate of collector Umariya stating no mine within 1000 meter radius of this mine.

Committee observed that in certain cases revised mine plans duly approved by competent authority are submitted by the concerned project proponents, where in the volume of sand to be evacuated is considerably reduced without providing technical reasons in the sanctioning letter. This will directly result in reduction in revenue to the Govt. SEIAA may like to take up this matter with the concerned authorities.

As above, the case was presented by the PP and their consultant wherein it was observed that a kachha road is passing through the lease area which is probably used by the villagers for crossing and thus committee decided that atleast 25 meter area on both side of the lease be left by the PP.

During presentation, it was also observed that as per the certificate issued by the DFO, bandhavgarh Tiger Reserve is at a distance of 5.6 kms (a Notified PA) Clearance from NBWL is therefore needed. PP has submitted the copy of online application made for wild life clearance with proposal no. FP/MP/MIN/317/2015 and date of submission is 06/11/2015.

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

- Production of Sand as per mine plan with quantity not exceeding 40,490 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.
- The grant of Environmental Clearance should be subject necessary Wild Life Clearance from NBWL to be obtained by PP.

**2. Case No. 3542/15 Shri Santosh Kumar Rai R/o Vill.-Korasa, Teh.-Damoh, District-Damoh (MP)-470661 Prior Environment Clearance for approval of Sand Quarry in an area of 5.00 ha. (5,700 cum/year) at Khasra No.-750, Vill.-Dhoraj, Teh.-Batiagarh, District-Damoh (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.-750, Vill.-Dhoraj, Teh.-Batiagarh, District-Damoh (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 vides letter no.168, dated: 13/5/2015 has reported that there are 01 more mines operating or proposed within 1000 meters around the said mine with total area of 10.00 ha including this mine.

The case was earlier presented by the PP and their consultant in the 259<sup>th</sup> SEAC meeting dated 06/01/2016 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable except during presentation it was observed that in the submitted EMP control measures for blasting and drilling are proposed. It being a case of sand mining blasting and drilling operations are not required. Thus PP was asked to submit revised EMP duly approved by the competent authority.

SEIAA vides their letter no. 11898/SEIAA/16 dated 17/03/2016 have forwarded the replenishment plan of the above lease. PP has also submitted the revised EMP vide their letter dated 17/02/2016.

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

- Production of Sand as per mine plan with quantity not exceeding 5,700 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. 3465/15 Shri Anand Kumar Tiwari, Vill.-Sitanagar, Teh.-Patharia, District-Damoh (MP)-470675 Prior Environment Clearance for approval of Sand Quarry in an area of 5.00 ha. (1,500 cum/year) at Khasra No.-25, Vill.-Bijori, Teh.-Patharia, District-Damoh (MP)**

This is a case of mining of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-25, Village-Bijori, Tehsil-Patharia, District-Damoh (MP) in 1.60ha. 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.-233, dated:29/5/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine .

The case was discussed in 224<sup>th</sup> SEAC meeting dated 16/09/2015 wherein after deliberations committee observed that as per the mine plan the ML area is on Bewas River which is tributary of Sonar River while as per khasra map, the ML area is on Sonar River. PP was asked to submit a clarification from mining department whether the mine plan is approved for Bewas River or Sonar River within 30 days failing which the case will be recommended for delisting.

PP has submitted the response to the above queries vides letter dated 08/10/15 through SEIAA which was placed before the committee in the 255<sup>th</sup> SEAC dated 02/01/2016 wherein it was clarified that mine is on the Sonar River. After deliberations committee decided that as the EMS and other submissions made by the PP earlier 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 -B

1. Production of Sand as per mine plan with quantity not exceeding 1,500 cum/year.

SEIAA vide their letter no. 11877/SEIAA/16 dated 16/03/2016 have forwarded the replenishment plan of the above lease.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

4. **Case No. 3282/15 Shri Ganpat Singh, Vill.-Ingoriya, Teh.-Barnagar, District-Ujjain (MP)-456771 Prior Environment Clearance for approval of Sand Quarry Lease Area - 16.59 ha., Capacity - (6,900 cum/year) at Khasra No.-246, & 508, Vill.-Sijavata, Teh.-Barnagar, District-Ujjain**

This is a case of mining of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-246, & 508, Village-Sijavata, Tehsil-Barnagar, District-Ujjain (MP) in - 16.59 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.1195 dated: 31/3/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine .

The case was earlier discussed in 224<sup>th</sup> SEAC meeting dated 16/09/2015 wherein after deliberations committee observed that (a) As per the co-ordinates given in PFR submitted by PP with the application, the mining lease area lies in the agricultural field while it's a case of river sand mining. (b) No co-ordinates are given in mining plan for further verification of above facts. (c) Name of river is not mentioned in mine plan or Form -1. Thus the committee decided to send back the case to SEIAA as case could not be considered for grant of EC in the absence of above details in the Mine Plan.

SEIAA vide their letter no. 10280 dated 05/01/2016 has sent the file to SEAC for appraisal as PP has submitted the revised co-ordinates and mentioned the name of the river as Chambal River verified by mining officer. SEIAA vide their letter no. 11904/SEIAA/16 dated 17/03/2016 have forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant wherein after deliberations PP was asked to provide following informations:

1. Details of last 5 years production capacity extracted from this mine as per SEIAA letter no. 11904/SEIAA/16 dated 17/03/2016.
2. Revised EMP with scheme of plantation alongwith species name & enhanced budgetary allocations. Also the Khasra map & dimensions of QL are not tallying.

**5. Case No. -4041/15 Shri Balram Vishwakarma R/o Majgawa, Tehsil-Damoh, District-Damoh (MP)-470661 Prior Environment Clearance for approval of Sand Quarry in an area of 5.920 ha. (3,500 cum/year) at Village-Bangaon, Tehsil-Patera, District-Damoh (MP)**

This is a case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 01 at Village-Bangaon, Tehsil-Patera, District-Damoh (MP) in 5.920 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 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. 1238 dated: 3/6/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was earlier discussed in 265<sup>th</sup> SEAC meeting dated 13/01/2015 wherein during presentation it was observed that replenishment details of sand are not mentioned in the mine plan. Thus PP was asked to provide replenishment details duly approved by the competent authority.

SEIAA vide their letter no. 11900/SEIAA/16 dated 17/03/2016 have forwarded the replenishment plan of the above lease.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**6. Case No. 4895/15 Shri Kapil Paradkar S/o Shri Panduranga Paradkar R/o Seoni, Tehsil-Pandhurna, Chhindwara (MP)-495231 Prior Environment Clearance for Sand Quarry in an area of 10.200 ha. (2,20,000 cum/year) at Village-Sayra, Tehsil-Sausar, District-Chhindwara**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-136, 202, 203, Village-Sayra, Tehsil-Sausar, District-Chhindwara (MP) 10.200 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.-3112, dated: 4/11/15 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 18.20 ha including this mine.

SEIAA vide their letter no. 11889/SEIAA/16 dated 16/03/2016 have forwarded the replenishment plan of the above lease.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**7. Case No. - 3094/15 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad Prior Environment Clearance for approval of Seegon River Sand**

**Quarry in Lease Area -21.00 ha., Capacity -4,00,000 cum/year a Khasra No.-70/1, 70/4, at Vill.-Seegon, Teh.-Harda, District-Harda (MP)**

This is case of **Seegon River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-70/1, 70/4, at Vill.-Seegon, Teh.-Harda, District-Harda (MP) 21.00 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.-1081, 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-29.00 ha.

The case was earlier discussed in 242<sup>nd</sup> SEAC meeting dated 07/11/2015 wherein after deliberations PP informed that the information provided by the mining officer is inadequate and thus requested for the withdrawal of this project vide letter dated 07/11/2015. Considering the same, the case is returned to SEIAA for necessary action.

SEIAA vide their letter no. 10769 dated 25/01/2016 has sent the file to SEAC for appraisal and SEIAA vides their letter no. 12562/SEIAA/16 dated 22/03/2016 have also forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant wherein during presentation OIC, MP State Mining Corporation vide their letter dated 03.04.2016 submitted that further action in this case may be taken after 500 meters certificate is issued from the mining officer. The committee after deliberations considered the request of OIC, MP State Mining Corporation and decided that the revised 500 meters certificate be submitted within 30 days for further consideration of the project.

**8. Case No.- 3391/15 Shri Dharmendra Singh Parmar, Sub Lessee, LIG-14, Housing Board Colony, District-Chhatarpur (MP)-461001 Prior Environment Clearance for approval of Nimsadiya River Sand Mine in an area of 20.243 ha. (4,00,000 cum/year) at Khasra No.-1163, Vill.- Nimsadiya, Teh.-Hoshangabad, District-Hoshangabad (MP)**

This is case of **Nimsadiya River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1163, Vill.-



Nimsadiya, Teh.-Hoshangabad, District-Hoshangabad (MP) 20.243 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.

SEIAA vides their letter no. 12556/SEIAA/16 dated 22/03/2016 have forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant wherein during scrutiny of documents it was observed that PP has not submitted the certificate of mining officer verifying the leases. Thus committee decided that PP may be asked to submit certificate of mining officer verifying the leases within 500 meters from the periphery of this mine.

**9. Case No. – 2908/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (M.P.)-482001 Belkhedi River Sand Mining Lease Area - 2.00 Ha., Capacity - 25,000 cum/year, at Vill.-Belkhedi, Teh.-Gotegaon, District-Narsinghpur (M.P.)**

This is case of Belkhedi River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-140/2, Vill.-Belkhedi, Teh.-Gotegaon, District-Narsinghpur (M.P.)- 2.00 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 enclosing the combined NOC issued by collector certifying leases within 1000 meters radius around the site and requisite information in the prescribed format. Concerned Mining Officer vides letter no.-1129, dated: 08/0/2015, has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable except DFO certificate regarding distance from National Park/ Century and Eco-Sensitive Zone be submitted, as submitted certificate by PP is of 5.00 Km distance. The PP was asked to submit the same within 15 days time.

The case was discussed in 243<sup>th</sup> SEAC meeting dated 07/11/2015 wherein the the EMS and other submissions made by the PP were found to be satisfactory and acceptable

except DFO certificate regarding distance from National Park/ Century and Eco-Sensitive Zone as submitted certificate by PP is of 5.00 Km distance instead of 10 Kms distance. The PP was therefore asked to submit the same within 15 days time.

PP has submitted the response to the above queries which was placed before the committee in the 255<sup>th</sup> SEAC meeting dated 02/01/2016 wherein committee during scrutiny of document observed that in the copy of DFO letter submitted by PP vides letter dated 22/12/2015, the name of applicant has been mentioned as M/s Rajputana Constructions while as per office file records, the mine belongs to M. P. State Mining Corporation. Thus committee decided that SEAC secretariat may write a letter to DFO for verification of above facts regarding discrepancy in the name of applicant.

SEIAA vides their letter no. 12564/SEIAA/16 dated 22/03/2016 have forwarded the replenishment plan of the above lease.

The case was presented by authorized representative of OIC of MP State Mining Corporation and consultant. OIC informed that the copy of DFO letter submitted earlier vides letter dated 22/12/2015 wherein the name of applicant has been mentioned as M/s Rajputana Constructions was issued to them as they are the sub-lessee of the MP State Mining Corporation.

During presentation it was observed from the Google image of November, 2015 that about 50% of the lease area is submerged in the water. Thus committee decided that in the sanctioned lease of 2.00 ha., safe zone of 30 meters from the river side boundary should be left as no mining area. 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 25,000 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.
- In the sanctioned OL area safe zone of 30 meters from the river side boundary should be left as no mining area.

**10. Case No.4401/15 M/s Sanik Foods Pvt.Ltd., Shri Litesh Jha, HIGGD-5, Dindayal Nagar, Phase-1, Kanth Road, Muradabad (U.P.)-487221 Prior Environment Clearance for approval of Sand Quarry in an area of 23.00 ha. (4,60,000 cum/year) at Khasra no.- 1229, Village-Bhumka, Tehsil-Majhouli, District-Sidhi (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.- 1229, Village-Bhumka, Tehsil-Majhouli, District-Sidhi (MP) 23.00 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.1296 dated: 31/10/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

SEIAA vides their letter no. 12560/SEIAA/16 dated 22/03/2016 have forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant wherein it was observed that as per the certificate issued by the DFO, Sanjay Gandhi National park is at a distance of 6.5 kms (a Notified PA) Clearance from NBWL is therefore needed. PP has submitted the copy of online application made for wild life clearance with proposal no. FP/MP/MIN/327/2015 and date of submission is 12/11/2015. During presentation it was also observed as per the Google image based on the co-ordinates provided by the PP that the QL 1000 meters away from dam and some part of the lease is submerged in back

water. Thus committee decided that in the sanctioned lease of 23.00 ha., safe zone of 300 meters from the dam side boundary should be left as no mining area. 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 4,60,000 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.
- In the sanctioned OL area safe zone of 300 meters from the dam side boundary should be left as no mining area.
- The grant of Environmental Clearance should be subject necessary Wild Life Clearance from NBWL to be obtained by PP.

**11. Case No.4501/15 Shri Tejender Singh, M/s Digiya Industries Pvt. Ltd., Sub Lessee, M.P. State Mining Corporation Ltd., G-1, Sapna Chamber, 12/1, South Tukoganj, Indore (MP) Prior Environment Clearance for approval of Sand Quarry in an area of 12.673 ha. (2,21,000 cum/ year) at Khasra No.-126, Village-Raipur (Magariya), Hoshangabad (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-126, Village-Raipur (Magariya), Hoshangabad (MP) 12.673 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.2870, dated: 24/07/15, has reported that there are 04 more mine operating or proposed within 1000 meters around the said mine with total area of 44.228 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vides letter no.2870, dated: 24/07/15, has reported that there are 04 more mine operating or proposed within 1000 meters around the said mine with total area of 44.228 ha including this mine. It being a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

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

14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
16. A road bridge is crossing the lease area, thus NOC of concerned agency responsible for its maintainence should be obtained for sand mining.

**12. Case No 4887/15 Shri Jai Shrivastava, Director, M/s Siddhidatri Devcon Pvt. Ltd., Sub Lessee of M.P. State Mining Corporation Ltd., MIG-11, Jharneshwar Complex, Jawahar Chowk, Bhopal (MP)-462003 Prior Environment Clearance for Sand Auctioned Quarry in an area of 20.00 ha. (2,00,000 cum/year) at Village-Sojani, Tehsil-Bareli, District-Raisen (MP)**

This is case Sand Query The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Village-Sojani, Tehsil-Bareli, District-Raise (MP) 20.00 ha at Khasra no. 235. 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.- 1407 dated: 15/10/15 has reported that there is no more mine operating or proposed within 1000 meters around the said mine in the form of single certificate.

SEIAA vides their letter no. 12546/SEIAA/16 dated 22/03/2016 have forwarded the replenishment plan of the above lease.

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

- Production of Sand as per mine plan with quantity not exceeding 2,00,000 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.

**13. Case No. - 2877/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Distt. - Jabalpur (MP)-482001 Bhadpura River Sand Mining Lease Area- 13.240 ha., Capacity - 1,20,000 cum/year, at Khasra No.- 483, Vill.-Bhadpura, Teh.-Sahpura, District-Jabalpur (MP)**

This is case of **Bhadpura River Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. - 483, Vill.-Bhadpura, Teh.-Sahpura, District-Jabalpur (MP) 13.240 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 enclosing the combined NOC issued by collector certifying leases within 1000 meters radius around the site and requisite information in the prescribed format. Concerned Mining Officer vides letter no.-1960, dated: 15/10/15, has reported that there is no more mines operating or proposed within 1000 meters around the said mine. A railway line is passing through near the ML area which is approx 350 meters away.

The case was earlier discussed in the 243<sup>rd</sup> SEAC meeting dated 07/12/15 wherein 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 -Bø

1. Production of Sand not exceeding 30,000 cum/year as per mine plan.

SEIAA vides their letter no. 12669/SEIAA/16 dated 29/03/2016 have forwarded the replenishment plan of the above lease.

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

- Production of Sand as per mine plan with quantity not exceeding 1,20,000 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.

**14. Case No.4313/15 Shri Deepak Jaiswal, Village-Bolkheda Ghat, Tehsil-Mahidpur, District-Ujjain (MP) Prior Environment Clearance for approval of Sand Quarry in an area of 7.590 ha. (3,400 cum/year) at Khasra no -266, Village-Bolkheda Ghat, Tehsil-Mahidpur, District-Ujjain (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no -266, Village-Bolkheda Ghat, Tehsil-Mahidpur, District-Ujjain (MP) 7.590 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.2537, dated: -28/09/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.



The case was earlier scheduled in the 15<sup>th</sup> SEAC meeting dated 27/03/2016 wherein 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.

SEIAA vide their letter no. 11650/SEIAA/16 dated 01/03/2016 have forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant wherein it was observed from the Google image of December, 2015 based on the co-ordinated provided by the PP that > 70% of the area is submerged in water from the lease boundary of northern side. Thus committee decided that the mining should be carried out only in rest of the 30% 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 3,400 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.
- In the sanctioned QL area, no mining be carried out in 70% of the area which is submerged in water from the lease boundary of northern side.

**15. Case No.4189/15 Shri Dharmendra Patel, Village-Ghuruaa post- Urduaa, Tehsil-Pnagar, District-Jabalpur(MP) Prior Environment Clearance for approval of Sand**

**Quarry in an area of 16.00 ha. (1,28,000 cum/year) at Khasra No.- 382, Village-Gudakalan, Tehsil-Badwara, District-Katni (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.- 382, Village-Gudakalan, Tehsil-Badwara, District-Katni (MP) 16.00 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. 4040 dated: 29/06/15, has reported that there are no more mine operating or proposed within 1000 meters around the said mine.

SEIAA vides their letter no. 12228/SEIAA/16 dated 18/03/2016 have forwarded the replenishment plan of the above lease.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**16. Case No.4263/15 Shri Kailash Chandra Gupta, M/s Esteem Infrabuild Pvt. Ltd., P-4, Lal Bahadur Nagar, Durgapura, Jaipur (Raj.) Prior Environment Clearance for approval of Sand Quarry in an area of 10.00 ha. (expansion in production capacity from 55,000 to 1,00,000 cum/year) at Khasra no.-1420, Village-Goram, Tehsil-Mehgaon, District-Bhind (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-1420, Village-Goram, Tehsil-Mehgaon, District-Bhind (MP) 10.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer

vides letter no.11 dated: 19/08/15, has reported that there are 02 more mine operating or proposed within 1000 meters around the said mine with total area of 36.78 ha including this mine.

SEIAA vides their letter no. 11883/SEIAA/16 dated 16/03/2016 have forwarded the replenishment plan of the above lease.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**17. Case No. - 5026/2016 Shri Amresh Kumar Chourasia S/o Shri Ashok Kumar Chourasia, Proprietor, 102, Vyanktesh Vihar, Aerodrome Road, Tehsil-Indore, District-Indore (MP)-452001 Prior Environment Clearance for Sand Deposit in an area of 7.00 ha. (1,700 cum/year) at Khasra no.- 1, 127, Village-Lakhneti, Tehsil-Tal, District-Ratlam (MP) Absent in SEAC II 13 dt-21/3/16**

This is case Lakhneti Sand Deposit (Chambal River). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-1, 127, Village-Lakhneti, Tehsil-Tal, District-Ratlam (MP) 7.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 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.-1547 dated: 21/10/15 has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant wherein during presentation it was observed from the Google image of December, 2015 based on the co-ordinates provided by the PP that approx. 25% of QL area is submerged in water from the northern side of lease and approx. 50% of QL area is submerged in water from the southern side of the lease leaving on 25% area available for mining. Since the demanded quantity is very less

(1700 cum/year) committee consider that 1700 cum/year be evacuated from the remaining 25% 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 1,700 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.
- In the sanctioned QL area, no mining be carried out in 25% of the area which is submerged in water from the lease boundary of northern side and 50% of QL area which is submerged in water from the lease boundary of southern side.

**18. Case No. – 3014/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (M.P.)-461001 Nemawr (IV) Sand Mine Lease Area - 3.787 Ha., Capacity - 1,00,000 cum/year, at Khasra No.- 527 Vill.-Nemawr (IV), Teh.-Khatagaon, District-Dewas (M.P.)**

This is case of **Nemawr (IV) Sand Mine**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -527, Vill.-Nemawr (IV), Teh.-Khatagaon, District-Dewas (M.P.) 3.787 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.-1764, dated: 29/09/2015, has reported that there are 09 more mines operating or proposed within 1000 meters around the said mine and total area including this mine is -36.273 ha.

Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter No. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification. As per above list the 03 mines are in the cluster and total area-37.670 ha. including this mine. Being it 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 some additional TORs.

SEIAA vide their letter no. 11775/SEIAA/16 dated 11/03/2016 have forwarded the replenishment plan of the above lease. SEIAA vide their letter no. 12550/SEIAA/16 dated 22/03/2016 have forwarded the NOC from DFO and other mines within 500 meters. As per revised mining officer certificate of 500 meter radius issued vide letter no. 428 dated 11/03/2016, the MO has reported that there are 06 more mines operating or proposed within 500 meters around the said mine and total area including this mine is 22.27 ha.

The case was presented by the PP and their consultant wherein it was observed by the committee that as per the revised MO certificate of 500 meters radius, this mine becomes non-cluster mine as per MoEF&CC notification dated 15/01/2016. During presentation committee also observed that as per the Google image of November, 2015 based on the co-ordinates provided by the PP that approx.>60% of the QL area is submerged in water and rest 40% area is available for mining that too only the elevated slope from 263 meters to 260 meters so that river bed is not disturbed. Thus committee after deliberations reduced the quantity by 40% i.e. 40,000 cum/year 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 40,000 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.

**19. Case No. – 3017/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (M.P.)-461001 Nemawr (II) Sand Mine Lease Area - 0.418 Ha., Capacity - 12,000 cum/year, at Khasra No.- Vill.-Nemawr (II), Teh.-Khategaon, District-Dewas (M.P.)**

This is case of **Nemawr (II) Sand Mine**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-527, Vill.-Nemawr (II), Teh.-Khategaon, District-Dewas (M.P.) 0.418 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.-1766, dated: 29/09/15, has reported that there is 09 more mines operating or proposed within 1000 meters around the said mine and Total Area- 35.77 ha.

Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter No. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification. As per above

list the 03 mines are in the cluster and total area-37.670 ha including this mine. Being it 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 some additional TORs.

SEIAA vide their letter no. 11783/SEIAA/16 dated 11/03/2016 have forwarded the replenishment plan of the above lease. SEIAA vide their letter no. 12552/SEIAA/16 dated 22/03/2016 have forwarded the NOC from DFO and other mines within 500 meters. As per revised mining officer certificate of 500 meter radius issued vide letter no. 428 dated 11/03/2016, the MO has reported that there are 04 more mines operating or proposed within 500 meters around the said mine and total area including this mine is 15.77 ha.

The case was presented by the PP and their consultant wherein it was observed by the committee that as per the revised MO certificate of 500 meters radius, this mine becomes non-cluster mine as per MoEF&CC notification dated 15/01/2016. During presentation committee also observed that as per the Google image of November, 2015 based on the co-ordinates provided by the PP that approx.>25% of the QL area is submerged in water and rest 75% area is available for mining that too only the elevated slope from 267 meters to 264 meters so that river bed is not disturbed. Thus committee after deliberations reduced the quantity by 25% i.e. 9,000 cum/year 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 9,000 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.

**20. Case No. – 3022/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (M.P.)-461001 Nemawr (V) Sand Mine Lease Area - 3.784 Ha., Capacity - 1,00,000 cum/year, at Khasra No.- Vill.-Nemawr (V), Teh.-Khategaon, District-Dewas (M.P.)**

This is case of **Nemawar (V) Sand Mine**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- 527, Vill.-Nemawr (V), Teh.-Khategaon, District-Dewas (M.P.) 3.784 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.-1763, dated: 29/09/15, has reported that there is 09 more mines operating or proposed within 1000 meters around the said mine and Total Area-36.27 ha.

Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter No. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification. As per above list the 03 mines are in the cluster and total area-37.670 ha. including this mine. Being it's 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 some additional TORs.

SEIAA vides their letter no. 11791/SEIAA/16 dated 11/03/2016 have forwarded the replenishment plan of the above lease. SEIAA vides their letter no. 12570/SEIAA/16 dated 22/03/2016 have forwarded the NOC from DFO and other mines within 500 meters. As per revised mining officer certificate of 500 meter radius issued vide letter no. 428 dated 11/03/2016, the MO has reported that there are 07 more mines operating or



proposed within 500 meters around the said mine and total area including this mine is 24.27 ha.

The case was presented by the PP and their consultant wherein it was observed by the committee that as per the revised MO certificate of 500 meters radius, this mine becomes non-cluster mine as per MoEF&CC notification dated 15/01/2016. During presentation committee also observed that as per the Google image of November, 2015 based on the co-ordinates provided by the PP that entire lease area is submerged in water as another stream is joining this QL covering almost entire area of this lease. Thus committee after deliberations decided that if mining is permitted on this lease it will not only affect the natural course of the stream joining this lease but will also affect the aquatic life in the area and thus grant of Environmental Clearance is not recommended for this QL for the above mentioned reasons.

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

**(Dr. Navin Chandra, Chairman)**

**(Prashant Shrivastava, Member)**

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

**(Dr. Mohd. Akram 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 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.