

The 45th meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 9th August, 2016 under the Chairmanship of Dr. Navin Chandra for discussion on the query responses submitted by the PP and the projects issues received from SEIAA. The following members attended the meeting-

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

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

- 1. Case No. 3528/15 Shri Kunwar Virendra Singh Patel, Nehru Ward, Narsinghpur, District-Narsinghpur (MP)-487001 Prior E.Cfor approval of Limestone Mine in an area of 3.19 ha. (Modernisation in production capacity from 20000 TOA to 1,57,500 TPA) at Khasra No.-161/7 (Part of 161/1), Vill.-Simariya, Teh.-Kareli, District-Narsinghpur (MP) (EIA Presentation)**

This is a case of mining of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-161/7 (Part of 161/1), Village-Simariya, Tehsil-Kareli, District-Narsinghpur (MP)in 3.19 ha. The project requires prior EC before commencement of any activity at site.

After deliberation and presentation committee decided to issue standard TOR as prescribed by MoEF&CC with following additional TOR;

1. Plan for protection of nearby forest be submitted.
2. Ambient Air Quality Monitoring should also be done near the village and forest.

PP has submitted the EIA report vide letter dated 23/07/2016 which was forwarded by the SEIAA vide letter no. 2692/SEIAA/16 dated 25/07/2016.

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

1. Compliance of consent conditions of M. P. Pollution control Board from concerned Regional Officer.
2. Geo-mining Technical Status of the lease wrt to insitu reserve, proved reserve, possible reserve, probable reserve, already mined out mineral and balance mineral with life of the mine.
3. Yearwise production details since 1994.
4. DFO vide their letter no.4195 dated 31/07/2015 has stated that the lease area is adjacent to the forest boundary and thus approval of District Level Commissioner Committee is required. PP was asked to get the approval form the committee and submit for further consideration of the project.
5. During presentation PP informed that they have already excavated upto 12 meters depth. Thus PP was asked to provide copy of DGMS permission obtained by PP.
6. During presentation PP informed that they have stored 11,900 cum top soil out side the lease area and for which have obtained the permission of the competent authority. PP was asked to submit the copy of the said permission.
7. In the wind rose provided with the EIA report, three predominant wind directions are shown in one season meteorological data which is unusual. PP was asked to provide detailed primary meteorological data collected from the site and explanation of such wind rose.
8. PP was asked to analyse free silica in the PM10 which is not reported by the PP in the EIA report. PP was asked to provide the same alongwith the input data for PM10 predictions.
9. PP was asked to provide the mine residue plan.
10. Ground water table of the study area is not reported by the PP. PP was asked to provide the same as this issue was raised in the public hearing.
11. Necessary clearance from the Competent Authority for drawl of requisite quantity of water for the Project should be provided.
12. During presentation PP submitted that they will provide fixed types of sprinklers on the internal haul roads for which OP was asked to submit a written commitment.
13. Revised water requirement for the Project should be submitted incorporating the water demanded for the fixed types of sprinklers.
14. Revised plantations scheme with its species wise distribution, their location alongwith its budgetary allocations.
15. Proposal of training for workers as per Mine Vocational Rules, 1966.
16. Since blasting is proposed, thus PP was asked to provide ground vibration study report with fly rocks management plan as this issue was raised in the public hearing.
17. An affidavit of the PP that the commitments made during public hearing will be fulfilled by them with their budgetary allocations in EMP and CSR.

2. Case No.4577/15 Shri Rakesh Bansal S/o Shri Kachrumal Bansal R/o Ramkrishna Ganj, Opposite of Krishi Mandi, District-Khandwa (MP)-450001 Prior Environment Clearance for approval of Stone Quarry in an area of 2.500 ha. (28,500 cum/year) at Khasra No.-302, Village-Bhawsinghpur, Tehsil-Khandwa, District-Khandwa (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-302, Village-Bhawsinghpur, Tehsil-Khandwa, District-Khandwa (MP) 2.500 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 10123, dated: 26/8/15, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 12.97 ha including this mine.

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

3. Case No.-1680/13 M/s Commercial Minerals, Mission Chowk, District Katni (MP)-483501 Environment Clearance for approval of 2.686 ha. Limestone Dolomite mine at Khasra no.-205P.C No.-102, Village - Pipariya, Tehsil-Sihora, Distt.-Jabalpur (M.P.) (TOR)

This is case of Limestone Dolomite mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-205P.C No.-102, Vill. - Pipariya, Th.-Sihora, Distt.-Jabalpur (M.P.) 2.686 ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled in the 135th SEAC meeting dated 20/08/2013 for approval of TOR. After deliberations committee has approved the proposed TOR with inclusion of following points:

- Approved mining plan and renewed mining lease for the current periods shall be submitted along with the EIA report.
- Public hearing shall be conducted disclosing all the details of land and mining before the public.
- Composite EIA & EMP shall be done keeping in mind the impacts of all the existing / proposed mines in the vicinity.
- Budgetary provisions for execution of the EMP shall be submitted along with the modus operandi of the EMP and the funds reserved for the same.
- Other standard TORs for similar projects shall be applicable.

The case was delisted by SEIAA in their 146th meeting dated 12/09/2013 and on submission of desired information by PP; the same was relisted in 276th SEIAA meeting dated 28/12/2015.

The case was scheduled for the presentation in the 23rd SEAC II meeting 06/05/2016 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 12th SEAC II meeting dated 10/03/2016. 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 in the 37th SEAC II meeting dated 12/07/2016 wherein it was informed to the committee that PP vide letter dated 06/06/2016 has requested for scheduling their presentation in the month of August, 2016. Committee considered the request of the PP and decided that the PP may be called for the presentation in the meetings proposed in the month of August, 2016 for presentation.

The case was scheduled for presentation today wherein PP and their consultant were present. During discussion PP requested for extension of TOR validity for two years i.e. 20/08/2017. Committee observed that the TOR was issued to the PP on dated 20/08/2013 with validity up to 19/08/2015 which was expired even before the relisting of the case and PP has also not made any request for TOR validity extension. Thus committee decided that as per the MoEF&CC OM dated 08/10/2014 TOR's validity could be extended if PP submits desired information as per the procedure stated in the above referred OM. Since PP has failed to follow the procedure, TOR's validity can not be extended. Committee also suggested PP to get fresh TOR for which PP requested that their case be scheduled in the upcoming agenda of

the SEAC meetings for fresh TOR's presentation as they have not come prepared for the presentation.

4. Case No. 3214/15 Shri Kamal Singh S/o Shri Mangilal Choudhary, Vill.-Khandwa, Teh.-Dhar, District-Dhar (MP)-454001 Prior E.C for approval of Crusher Stone Quarry Lease Area - 4.00 ha., Capacity - (47,500 cum/year) at Khasra No.-166/5/4, Vill.-Kalyansi Khedi, Teh.-Dhar, District-Dhar (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-166/5/4, Vill.-Kalyansi Khedi, Teh.-Dhar, District-Dhar (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 786, dated: 29/04/15, has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of -24.00 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. Earlier 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 for delisting assuming that PP is not interested to continue with the project.

5. Case No, 1491/13 Shri Deep Singh Kushwaha S/O Sardar Sing, New Colony, Near Nagar Palika Nowgaon, Distt. Chhatarpur Environment Clearance for Stone/mine in an area of 2.00 ha for production capacity of 10,000 cum/Year at Khasra No. 1/2/2 at Village Mudwara, Tehsil – Nowgaon, Distt. Chhatarpur

This is a case of mining of stone bolder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at village Mudwara, Tehsil- Nowgaon, Chhatarpur (MP) for lease area – 2.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. It was reported by the concerned Mining Officer of mining department vide letter no. 30 dated 07/01/2015, that seven mines are operating / proposed within 500 meter radius around the said mine with total area of 25.9 ha.

The case was earlier presented in the 181st SEAC meeting dated 27/03/2015 wherein the committee decided to issue standard TOR to carry out EIA and prepare EMP, in view of huge mining in more than 25 hectare. Public Hearing shall be conducted as per the provisions of EIA Notification.

PP vide their letter dated 26/07/2016 has submitted a representation stating that TOR was issued to him on dated 15/06/2015 but his mine lease area is < 5.00 ha and as per the mining officer certificate issued vide letter no. 30 dated 07/01/2015 there are 07 other mines within 500 meters with an area of 20.908 ha. Adding the area of his mine the cumulative area of cluster comes to 22.908 ha and no other mine is of > 5.00 ha. and thus TOR issued to be cancelled and case may be forwarded to DEIAA.

The case was scheduled for the presentation today wherein PP was present. PP during discussion again submitted that as per the mining officer certificate issued vide letter no. 30 dated 07/01/2015 there are 07 other mines within 500 meters with an area of 20.908 ha. Adding the area of his mine the cumulative area of cluster comes to 22.908 ha and no other mine is of > 5.00 ha. However, previously by mistake the cluster area was reported as 25.90 ha in place of actual area of 22.908 ha and hence TOR was issued to him. Now as per recent notification of MoEF&CC dated 15/01/2016, his case falls under the purview of DEIAA as his mine lease area is < 5.00 ha and no other mine in the cluster is of > 5.00 ha. with cumulative cluster area of 22.908 ha. The committee after deliberations recommends that the case may be transferred to DEIAA through SEIAA on the basis of above submissions by withdrawing the recommendations made in the 181st SEAC meeting dated 27/03/2015 and as per the new GOI, MoEF&CC Notification dated 15/01/2016.

6. Case No. 2890/2015 Shri Narendra Sachdeva, Shri Brijmohan Sachdeva R/o Court Road Shivpuri, (M.) Granite Mining Project of Lease Area - 4.360 Ha., Capacity – 23008 Cu,mt. /Year Khasra No. 373 Vill.- – Paragarh, Teh.- – Karera, Shivpuri (M.P.)

This is a case of mining of Granite from a lease area of 4.360 Ha with targeted production capacity of 23008m³/Year. The project site is located at *Khasra No. 373 Village –*

Paragarh, Tehsil – Karera, Shivpuri (M.P.) The application was forwarded to SEAC by SEIAA for scoping / appraisal as per the provisions of EIA Notification.

PP and his consultant presented the case before the committee in the 204th SEAC meeting dated 04/07/2015 wherein after deliberations Committee issued following TOR to carry out EIA / EMP in addition to the TORs' prescribed by MoEF & CC:

1. Name of all the minerals with their production capacity to be detailed out in EIA.
2. Mining Plan duly approved by the Mining Department should address all the material proposed to be excavated.
3. Appropriate evacuation plan with details of all the village / forest roads expected to be used have to be addressed including their development and maintenance.

PP vide letter dated 24/06/2016 has submitted a request for transferring his case to DEIAA as the lease is off < 5.00 ha with no other mine within 500 meters area which was forwarded by the SEIAA vide letter no. 2381/SEIAA/16 dated 05/07/2016.

The case was presented by the PP and their consultant wherein PP submitted that their case may be transferred to DEIAA as the area of the lease is <5.00 ha with no other mines within 500 meters as per the Mining Officer Letter No. 676 dated 13/05/2015. PP also submitted that Granite mine is considered as minor mineral as per "The Granite Conservation and Development Rules, 1999". The committee after deliberations recommends that the case may be transferred to DEIAA through SEIAA on the basis of above submissions by withdrawing the recommendations made in the 204th SEAC meeting dated 04/07/2015 and as per the new GOI, MoEF&CC Notification dated 15/01/2016.

7. Case No.- 3761/15 Shri Munnalal Agrawal R/o 128, Gudri Bazar, Jhansi, District-Jhansi (UP)-284003 Prior E.Cfor approval of Bhagor Quartz Deposit Quarry in an area of 4.90 ha. (12,285 MTPA) at Khasra No.-722, Vill.-Bhagor, Tehsil-Datia, District-Datia

This is case of **Bhagor Quartz Deposit Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-722, Vill.-Bhagor, Tehsil-Datia, District-Datia (MP) 4.90 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.456 dated: 20/08/15 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was earlier scheduled in the 246th SEAC meeting dated 10/12/2015 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. 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.

PP vide letter dated 18/07/2016 has submitted a request for transferring his case to DEIAA as the lease is off < 5.00 ha with no other mine within 500 meters area which was forwarded by the SEIAA vide letter no. 2895/SEIAA/16 dated 02/08/2016.

The case was presented by the PP and their consultant wherein PP submitted that their case may be transferred to DEIAA as the area of the lease is <5.00 ha with no other mines within 500 meters as per the Mining Officer Letter No. 456 dated 20/08/2015. PP also submitted that Quartz mine is considered as minor mineral as per GOI, Ministry of Mines notification dated 10/02/2015. The committee after deliberations recommends that the case may be transferred to DEIAA through SEIAA on the basis of above submissions by withdrawing the recommendations made in the 246th SEAC meeting dated 10/12/2015 and as per the new GOI, MoEF&CC Notification dated 15/01/2016.

8. Case No.4201/15 Smt. Vujay Sharma R/o Jiwaji Nagar That`ipur Murar, Distt-Gwalior-474001 Prior Environment Clearance for approval of Stone Quarry in an area of 0.9854 ha. (20,000 cum/year) at Khasra No.-2475, 2446/2, 2477, 2480, 2482, 2481, 2484/1, 2484/2, 2485, Village-Bilaua, Tehsil-Dabra, District-Gwalior (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-2475, 2446/2, 2477, 2480, 2482, 2481, 2484/1, 2484/2, 2485, Village-Bilaua, Tehsil-Dabra, District-Gwalior (MP) of 0.9854 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.QL-15/09, dated: -13/08/15, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was earlier scheduled in the 23rd SEAC meeting dated 06/05/2016 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. PP was also absent in the 04th SEAC II meeting dated 08/02/2016. 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 presentation in the 30th SEAC meeting dated 04/06/2016 but PP remains absent. However, during scrutiny of the file committee observed that SEIAA vides letter no. 1602/SEIAA/16 dated 24/05/16 forwarded a letter from the PP requesting that their case may be transferred to DEIAA as their lease is <5.00 ha. Committee observed that the lease of this case is < 5.00 ha and concerned Mining Officer (vide letter no.QL-15/09, dated: -13/08/15) has reported that there is no more mine operating or proposed within 500 meters around the said mine, this case can be transferred to DEIAA through SEIAA.

SEIAA vides their letter no. 2405/SEIAA/16 dated 06/07/2016 has sent back the file to SEAC to enquire whether or not this is part of Billaua cluster.

The case was scheduled for the discussion today and PP was also asked to remain present for any clarification as sought by SEIAA 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. Committee decided to give another chance to PP for making necessary clarification 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.

9. Case No. 484/2009-M/s Agrawal & Singh minerals Prop. Shri Upendra Singh R/o Vill.- Budwa P.O.Teh- Beohari Distt- Shahdol, Dhari No.1, ochre, white clay & Laterite mine 46.761 ha. at village Dhari, Teh- Beohari, Distt- Shahdol- M.P.

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

The case was earlier discussed in the 46th SEAC meeting dated 28/01/2010 wherein the applicant, presented the salient features of the project .Information pertaining to the above project was examined by the committee. This is a case of a new mine. Open-cast, manual mining has been proposed, mining shall not intersect the GW table. Nearest village is Dhari which is about 600 mts from the lease area boundary. Site is surrounded by Reserve forest and nearest Magrodhaha RF boundary about 0.5 Km from the site. River Banas is located at 1.5 Km from the site. One temple and four huts have been reported in the lease area. One stop dam is also located in the lease area. After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan approved by competent authority has to be submitted along with the copy of current lease deed and lease letter.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- All chemical analyses report from approved laboratory in original format. The chemical analyses should incorporate method of analyses, instruments used and the details of standards used. The date and time of sampling should also be mentioned in the report.
- Total area for which afforestation has been proposed – plan stating how much plantation shall be taken up yearly, has to be submitted. Plantation of local species along with Sheesham, Neem, Tendu, Kachnar & various fire-wood trees should be taken up. Map showing green belt to be submitted.
- Plantation in at least 33% of the total area has to be ensured with the lease period; accordingly plan has to be submitted with EIA.
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- For welfare of the mine-workers various activities such as regular health checkups, first-aid, shelter for rest and meals, drinking water etc. has to be taken up. Nearby mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes and other sources. This aspect has to be covered in the EMP.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- Water-shed management plan to be submitted, in view of the damages caused in the catchment-area of rivers falling in the prescribed study area of mining region & to support the ground-water recharging.
- In land use map, details regarding the agricultural crops pattern around the mining area should also be added.

- Map depictions: coloured maps depicting land use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned)
- Species proposed in the green belt development should be notified.
- Satellite Image of the location of mine should be submitted with demarcation of other proposed/in operation mines in nearby area.
- Location is also to be shown in Tehsil map procured from revenue department.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- NOC from Gram Sabha.
- NOC from forest department mentioning the distances of lease area from reserve forest, wild life sanctuaries, national parks etc.
- Notifications, Rules and Guidelines issued by MoEF and CPCB from time to time have to be followed strictly while executing the project. Accordingly, provisions have to be made in the EIA/EMP.
- Temple should be preserved and open to all.
- Water from the dam should be open to all.

The TOR was issued to the PP vide letter no. 150 dated 18/02/2010. The PP has submitted the EIA report to SEIAA vides letter no. 459 dated 21/11/2011 but same was not sent to SEAC due to payment related issues related to public hearings. SEIAA vide letter no. 6038/SEIAA/16 dated 06/10/2015 has forwarded the file to SEAC for appraisal stating that *“the case was kept on hold by SEIAA in view of non-payment of the charges of news paper advertisement about public hearing. It is informed by the concerned officer, MPPCB that the payment has been made by the PP to the concerned news agency. Hence the case may be forwarded to SEIAA further action in the matter”*.

The case was discussed in the 255th SEAC meeting dated 02/01/2016 wherein it was decided by the committee that to place it for appraisal in forthcoming meetings of SEAC. The case was scheduled for the presentation in the 08th SEAC II meeting dated 20/02/2016 wherein PP remains absent. The case was again scheduled for presentation in the 37th SEAC II meeting dated 12/07/2016 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. Earlier PP was also absent in the 08th SEAC II meeting dated 20/02/2016. 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”*. Accordingly, PP was also informed vide this office letter no. 1200 dated 18/07/2016.

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 08th SEAC-II meeting & 37th 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.

10. Case No.5212/15 M/s Kesari Nandan Marble Pvt. Ltd, District - Jaipur (Raj.) Prior Environment Clearance for Marble Quarry in an area of 4.0 ha. (20000 MT/year) at Khasra no .-120, Village-Amoch, Tehsil - Bahoriband, Dist.Katni

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

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

The case was earlier scheduled in the 42nd SEAC meeting dated 27/07/2016 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. Earlier PP was also absent in the 35th SEAC meeting dated 03/07/2016. 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 for delisting 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 35th SEAC-II meeting & 42nd 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.

11. Case No.-5310/2016 Sunil Kumar Kalwani R/o Banapura, Seoni Malwa, Distt. Hoshangabad Prior Environment Clearance for Manganese Ore Mines in an area of 3.238 ha. (2658 ton/year) at Khasra no.-237/1, 237/2, 238/1,238/2, 3, 239/3, 240/1-4-9-10-11, 251/2, Village-Arjuni , Tehsil - Katangi, Dist. Balaghat (MP).

This is case of Manganese Ore Mines. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-237/1, 237/2, 238/1,238/2, 3, 239/3, 240/1-4-9-10-11, 251/2, Village-Arjuni, Tehsil - Katangi, Dist. Balaghat (MP). 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. 1318 dated: 03/11/2015 has reported that there is one more mine operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation for TOR 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. Committee decided to call the PP in subsequent meetings and even it the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

12. Case No.4832/15 Shri Gautam Mehta, M/s Indra Marble R/o HPA, HIG-7, Housing Board Colony, Katni (MP) Prior Environment Clearance for Marble Mine in an area of 3.50 ha. (5,660 cum/year) at Khasra No.-732, Village-Nimas, The.-Bahoriband, District-Katni

This is case of Marble Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-732, Village-Nimas, The.-Bahoriband, District-Katni (M.P.) 3.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed

format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 3701 dated: 07/9/15 has reported that there are 06 more mines operating or proposed within 500 meters around the said mine with total area of 16.52 ha including this mine.

SEIAA vide letter no. 2817/SEIAA/16 dated 29/07/2016 has sent the file of above case to SEAC stating that *“This case was discussed in 305th SEIAA meeting dated 17/03/2016 and the case was transferred to DEIAA, Katni. Now MS, DEIAA, Katni has reported that one mine is > 5.00 ha within 500 meters periphery of the proposed mine and return the case file to SEIAA. After detailed discussions it has been decided to send the case for appraisal to SEAC”*.

The case was presented by the PP and their consultant. During presentation it was informed to the PP that as per MO certificate there is a mine having an area of > 5.00 ha and thus the case file is sent back by DEIAA. 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.

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”*. But in this case, it is not clear from the MO certificate that all the mines within 500 meters periphery are of homogeneous minerals.

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	Present status of lease i.e. EC granted/ EC applied. If EC granted- date of EC should be mentioned. (Please attach copy of EC
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						from when it is non-operative with order (if any).	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.4679/15 Shri Aditya Shukla S/o Shri Mohan Shukla R/o H.I.G. D-1, Housing Board Colony, P.O. & District-Katni (MP)-483501 Prior Environment Clearance for approval of Dolomite Mine in an area of 3.42 ha. (51,503 TPA) at Khasra No.-293, 294, 295, Village-Malhan, Tehsil-Badwara, District-Katni (MP)

This is case of Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-293, 294, 295, Village-Malhan, Tehsil-Badwara, District-Katni (MP) 3.42 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. 3479 dated: 24/8/15 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 16.56 ha including this mine.

SEIAA vide letter no. 2807/SEIAA/16 dated 28/07/2016 has sent the file of above case to SEAC stating that *“This case was discussed in 305th SEIAA meeting dated 17/03/2016 and the case was transferred to DEIAA, Katni. Now MS, DEIAA, Katni has reported that one mine is > 5.00 ha within 500 meters periphery of the proposed mine and return the case file to SEIAA. After detailed discussions it has been decided to send the case for appraisal to SEAC”*.

The case was presented by the PP and their consultant. During presentation it was informed to the PP that as per MO certificate there are two mines having an area of > 5.00 ha and thus the case file is sent back by DEIAA. 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 and the two mines which are of >5.00 ha are non-operational since last three years.

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”. But in this case, it is not clear from the MO certificate that since when all the mines within 500 meters periphery are non-operative/ शिथिल ।

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/ EC 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.

14. Case No. 5311/16 M/s Savitri Minerals, House No. 241/1, Saket Nagar, Jabalpur - 482002 (MP) Prior Environment Clearance for Bauxite, Laterite & Fire Clay Mine in an area of 8.094 ha. (Expansion from 5,500 TPA to 1,00,000 TPA) at Khasra No. 402 P (New) 144/2 (Old) at Village-Tikariya , Tehsil - Mudwara, Dist. Katni (MP) (TOR)

This is case of Bauxite, Laterite & Fire Clay Mine for expansion in production capacity. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 402 P (New) 144/2 (Old) at Village-Tikariya, Tehsil - Mudwara, Dist. Katni (MP). The project requires prior EC before commencement of any activity at site.

SALIENT FEATURES OF THE PROJECT

Particulars	Details		
Project Name	Tikariya Bauxite, Laterite & Fire clay Mine		
LOCATION			
Village	Tikariya		
Tehsil	Katni		
District	Katni		
State	Madhya pradesh		
Mining Lease Area & Type of Land	8.094 Ha & Waste Land		
Name of Mineral to be mined out	Bauxite, Laterite & Fire clay		
Latitude	23°43'51.3" N to 23°44'0.6" N		
Longitude	80°23'57.1" E to 80°24'11.3" E		
Toposheet No.	64A/6		
Mineable Reserve	Type of Reserve	Bauxite (Tonnes)	Laterite (Tonnes)
	Proved Mineral Reserve	258368	69293
	Probable Mineral Reserve	90963	61784
	Total	349331	131077
Capacity	100,000 TPA of Bauxite, Laterite & Fire clay Mine & 70 TPD Screening and Scrubbing unit.		
Estimated Project Cost	90 Lakhs		
Highest and Lowest Elevation	Highest elevation – 486 m R.L. towards NW Lowest elevation – 470 m R.L. towards East		
Ultimate Depth of Mining	10 Meter bgl		

Nearest Habitation/Town	Town : Katni at 12 Km in South Direction
Nearest Railway Station	Niwar Railway Station about 4.0 km in SW Direction.
SOM Approval by IBM	Scheme of Mining Approved by IBM on 28/11/2015.

LOCATION OF THE PROJECT

Village-Tikariya Tehsil-Katni
District-Katni
State-Madhya-Pradesh

Khasra No. –	Area	Ownership/ Occupancy
402 P (New), 144/2(Old)	8.094 Ha	Government Land

Break-Up of Land Utilization Pattern (Area in Ha)

Sl.No.	Particular	Existing	5th Year end	Mine life end
1.	Total area excavated (broken)	3.0	3.17	6.90
2.	Area fully mined out (out of 1)	0.21	0.21	6.90
3.	Area fully reclaimed (Backfilled out of 2)	0	0.21	6.90
4.	Area rehabilitated out of 3 by afforestation	0	0.21	6.90
5.	Area reclaimed by water harvesting	NIL	Nil	Nil
6.	Area under Dump	1.5	1.605	Nil
7.	Area under active Dump	Nil	0.105	Nil
8.	Area under mineral stack	Nil	Nil	Nil
9.	Area under Road	0.10	0.10	Nil
10.	Area under Green belt	0.10	1.194	1.194
11.	Area under infrastructure	Nil	0.10	Nil
12.	Protective Bund and Drain	Nil	0.25	Nil

The case was presented by the PP and their consultant for TOR for expansion in production capacity.

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

1. As per the Google image based on the co-ordinates provided by the PP, a house is located within the lease area. Thus PP was asked either to rehabilitate the house or propose safety measures for this in the EIA report.
2. Detailed analysis report of Bauxite, Laterite & Fire Clay should be discussed in the EIA report specifically heavy metals.
3. Inventory of operating / proposed mines within 2 Km around the said mine.
4. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
5. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
6. Any alternate route avoiding the nearby habitations.
7. Environmental Policy duly approved by the authority should be attached with the EIA report.
8. Monitoring on atleast 07 Stations should be carried out for Ambient Air, Surface Water, Ground Water, Noise and Soil by selecting suitable locations in core zone and buffer zone. During monitoring, if any sensitivity is observed by the monitoring agency, additional monitoring stations should be added and same should be inferred in the EIA report.
9. Land use plan should be plotted on the map.

15. Case No. 5312/16 Shri Anil Nagrath, R/o Civil Lines, Katni, Dist. Katni, MP – 483501 Prior Environment Clearance for Lime Stone Mine in an area of 1.821 ha. (30630 TPA) at Khasra No. 279 P at Village-Kachhagawan , Tehsil - Katni, Dist. Katni (MP) (SIA/MP/MIN/16733/2016-TOR) EIA Consultant: Envirta Sustainable Solutions India Pvt. Ltd, Noida. UP

This is case of Lime Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 279 P at Village-Kachhagawan , Tehsil - Katni, Dist. Katni (MP) 1.821 ha. The project requires prior EC before commencement of any activity at site.

Salient Feature of the Project

Sl. No.	Parameters	Description
1	Mining Lease Area & Type of land	Mine Lease area is 1.821 Hec , The land use is waste land.
2	Geographical co-ordinates	Latitude: 23°59'01.9" to 23°59'07.8" N Longitude: 80°28'29.5" to 80°28'34.9" E
3	Name of Rivers/ Nallahs/ Tanks/ Spring/ Lakes etc	Kevlari Nala : 4.43 Km South Tamsa River: 4.5 Km North

4	Name of Reserve Forest(s), Wild life Sanctuary/ National parks etc.	No Reserve Forest(s), Wild life Sanctuary/ National parks etc. is present with in the Study area.
5	Topography of ML area	The lease area is almost plain having general slope towards South. The highest elevation of the lease area is 386 m AMSL. towards north East direction and the lowest elevation is 385 m A.M.S.L .in North West direction.
6	Name of Mineral mined	Limestone
7	Rate of Production (TPA)	30,010 Cum per Annum
8	Life of mine	21 Years at present level of exploration
9	Mineral Reserve in Tonnes	Mineral Reserve Mineable reserve of Limestone =3,57,815 Tonnes
11	Mining Method	Manual method of mining will be adopted in the lease area
12	Drilling/ Blasting	Drilling and blasting has been proposed with 32 mm dia holes upto a depth of 1.5m. No deep hole drilling and blasting of large dia will be carried out.
13	Ultimate Pit Slope	45°
14	Ultimate depth of Mining	371 m AMSL
15	Ground water level	345 m AMSL – 340 m AMSL
16	GWT intersection	No intersection of GWT, as the mining operations are carried out 25 m above the GWT.
17	Drainage pattern/ water courses	There is no stream crossing in the mine lease area. However the lease area main drainage is through seasonal water courses situated in Southerly side originating from the foot of Kymore range confluenceing in Mahanadi river.
18	Water requirement & source	Total water requirement for dust suppression, plantation and drinking is 13 KLD. Water will be sourced from bore well from outside of the ML area as well as mine sump.
19	Employment Potential	19 people will get direct and 25 people will get indirect employment.
20	Working of the Days	300
21	Cost of project	60 Lakhs

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

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.

3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Environmental Policy duly approved by the authority should be attached with the EIA report.
6. Monitoring on atleast 07 Stations should be carried out for Ambient Air, Surface Water, Ground Water, Noise and Soil by selecting suitable locations in core zone and buffer zone. During monitoring, if any sensitivity is observed by the monitoring agency, additional monitoring stations should be added and same should be inferred in the EIA report.
7. Land use plan should be plotted on the map.

16. Case No. -4046/15 Smt. Mahadevi Shivhare R/o Sharma Farm Road, Shivaji Colony, Char Sahar ka Naka, Tehsil-Dabra, District-Gwalior (MP)-474001 Prior Environment Clearance for approval of Stone Quarry in an area of 1.563 ha. (30,000 cum/year) at Khasra no.-234/3, Village-Gangapur, Tehsil-Dabra, District-Gwalior (MP)

This is case of Stone quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-234/3, Village-Gangapur, Tehsil-Dabra, District-Gwalior (MP) 1.563 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. Q2-93/10 dated: 14/07/2015 has reported that there are 01 more mine operating or proposed within 500 meters around the said mine with total area of 3.549 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. Earlier PP was also absent in the 43rd SEAC II meeting dated 28/07/2016. Committee decided to call the PP in subsequent meetings giving last chance and even if the PP remains absent, the case shall be returned to SEIAA for delisting assuming that PP is not interested to continue with the project.

DISCUSSION ON QUERY RESPONSE SUBMITTED BY PP OR THE PROJECT ISSUES RECEIVED FROM SEIAA / PENDING FROM A LONG TIME FOR WANT OF DESIRED INFORMATION

17. Case No. – 3023/2015 Shri Ajay Pal Singh, Director, M/s Jindutt Minerals Pvt. Ltd., 6th km Sagar Road, Post Office-Dhadari, District-Chhatarpur (M.P.)-471001. Khera Majora Iron Ore Deposit Lease Area - 4.60 Ha., Capacity - 1,14,750 TPA, at Compartment No.- 308, (Khera Majora, Forest Range- Bakswaha, Forest Block- Khera Majora) Vill.- Khera Majora, Teh.-Bijawar, District-Chhatarpur (M.P.) EIA Presentation

This is a case of Iron Ore Mining in a lease area of 4.60 Ha, with proposed production capacity of 11470 TPA. The mine is located at Compartment No.- 308, (Khera Majora, Forest Range- Bakswaha, Forest Block- Khera Majora) Vill.- Khera Majora, Teh.-Bijawar, District-Chhatarpur (M.P.). The project is covered as item 1(a) in the schedule of EIA notification hence requires prior EC from SEIAA before commencement of any activity at site. The application for grant of prior EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

LOCATION

The mining area is located in Forest Block – Khera Majora, Compartment No. 308, Forest Range – Baxwaha, Forest Division – Chhatarpur, state of Madhya Pradesh. The lease area is 64 kms aerially from Distt. Headquarter Chhatarpur (M.P.). The area can be approached by own conveyance from Chhatarpur-Sagar National Highway 86 upto Darguwan-tigaila which is 64km from Chhatarpur via Bada Malehra and then 7 km on Darguwan-Dardonia fair weather road.

Latitude: 24^o23’26.8” to 24^o23’36.2” North
Longitude: 79^o18’37.8” to 79^o18’51.1” East

Details of Project

Project Name	Khera Majora Iron Ore Deposit
Location of the Project	Forest Block – Khera Majora, Compartment. P 308, Forest Range – Baxwaha, Forest Division – Chhatarpur, state of Madhya Pradesh.
Mine Lease Area	4.60 Ha.
Toposheet Number	54P/7
Type of Land	Protected forest
Elevation	Highest Elevation: 370 m AMSL

	Lowest Elevation : 328 m AMSL	
Climatic Conditions at IMD Chhatarpur	Temperature	Max:32.4 ^o C Min: 8.1 ^o C
	Wind Speed Range	0.1 KMPH to 9.8 KMPH
	Predominant Wind Direction	Blowing from North East
	Project Cost	2 Crore.
Man Power & No. of Working days	143 person for 275 Days/Year.	
Probable Mineral Reserves	10,32,075 Tonnes	
Pre Feasibility Mineral Resource	230175 Tonnes	
Inferred Mineral Resource	1850850 Tonnes	
Targeted Production	1,14,750 TPA.	
Validity of Lease	50 Years from 17.11.2015 to 16.11.2065	
Seismic Zone	Seismic Zone III as per IS-1893 (Part-1)-2002	
End use of Product	The Iron ore will be supplied to steel plants, Sponge Iron plants. The low grade Ore will be supplied to cement plants and pelletization and beneficiation plants.	
Nearest Town	Bada malhera 19 Km in N Direction	
Nearest Airport	Khajuraho Airport at 77 Km in NE Direction.	
Nearest Railway Station	Khajuraho Railway Station at 80 Km in NE Sagar Railway Station at 84 /km in SW Direction.	
Nearest Highway	National Highway 86 at 5.97 Km in NW Direction State Highway 51 at a distance of 4.58 Km in North Direction	
Nearest Water Bodies	Water Course (i) Sukku Nadi - 1.5 Km North (ii) Khera Nalla - 1.0 Km ENE (iii) Barana Nadi – 10.0 Km East (iv) Sifa Nadi– 3.0 Km West	
Historical Monuments (in 10 Km Buffer)	None within the study Area.	
Status of Protected/ Other Areas (in 10 Km Buffer)	Forest (i) Khera Majora PF – Within ML area (ii) Protected Forest– 4.0 km south (iii) Bakswaha PF – 7.0 Km South (iv) Sarwa PF – 4.0 Km North	
Nearest Dispensary & Govt. Hospital	Matangeshwar Medical Hall 14.75 Km NE Direction Govt. Hospital (Sevagram)- 24.90 Km in NE and Badamalhera.	

Break-Up of Land Utilization Pattern (Area in ha)

S.NO	LAND USE	Existing	Fifth Year	Lease Period end /Mine Life
1	Total area excavated (broken)	Nil	2.174	3.955
2	Area fully mined out (out of 1)	Nil	Nil	(3.955)
3	Area fully reclaimed (Backfilled out of 2)	Nil	Nil	(3.955)
4	Area rehabilitated out of 3 by afforestation	NA	Nil	(3.955)
5	Area rehabilitated by water harvesting	Nil	Nil	Nil
6	Total area under dumps	Nil	Nil	Nil
7	Area under active dumps	Nil	Nil	Nil
8	Area under mineral stack	Nil	Nil	Nil
9	Area under Road	Nil	0.10	Nil

10	Area under Green belt (i.e. plantation on area other than dump and backfilled area)	Nil	0.645	0.645
11	Area under infrastructure	Nil	0.01	Nil
12	Garland Drain & Bund	Nil	0.02	Nil
TOTAL				4.60

Salient features of the project PFR and the proposed TOR were presented before the committee by the PP and his consultant in the 204th SEAC meeting dated 04/07/2015. After deliberations committee has issued following TORs’ in addition to the standard TORs’ prescribed by the MoEF & CC:

- Cumulative impact addressing all the mines in proximity.
- Drainage pattern to be studied to evaluate the impacts on water bodies.

The PP had submitted the EIA report which was placed in this agenda for the presentation. The case was presented by the PP and their consultant in the 37th SEAC II meetong dated 12/07/2016. During presentation it was observed by the committee that ML area lies in the forest area for which MoEF&CC has issued necessary permissions vide their letter no. 2174 dated 29/11/2010 and 999 dated 05/08/2015. It was decided by the committee that the conditions stipulated by the MoEF&CC vide their letter no. 2174 dated 29/11/2010 and 999 dated 05/08/2015 should be complied by the PP. After presentation, PP was asked to provide response on following:

1. The values of PM10 are higher comperatively to the values of nearby villages for which proper justification with reason be submitted.
2. The values of PM10 at project site are 55.15ug/m3 while the values of free silica are only 2.05ug/m3. PP was asked to provide the details of other material present in the PM10 values of 55.15 ug/m3.
3. Input date sheet of ISCST3 software used for GLC should be provided.
4. It was observed that the values of TDS in ground water samples are on comperatively higher side (for expamle 924.49 mg/l) thus PP was asked to provide proper justification for the higher values of TDS in ground water.
5. It was also observed that in surface water sample the values of Fluoride are reported as 2.4 mg/l (SW-2) which is abnormally high. Thus PP was asked to provide proper justification for the higher values of Fluoride in surface water.

PP has submitted the reply of above quarries vide letter dated 29/07/2016 which was placed before the committee and the same were presented by the PP and their consultant. The response submitted by the PP was found adequate and satisfactory and hence committee decided to recommend the case for grant of prior EC subject to the following special conditions:

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Transportation of material shall be done in covered vehicles.
3. Transportation of minerals shall not be carried out through forest area.
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. Permission / NOC shall be obtained from Gram Panchayat for lifting water from the village resources and shall be furnished to MPPCB while obtaining necessary consents under the provisions of Air / Water consents.
6. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
7. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
8. Production of Iron Ore shall be as per the mining plan not exceeding 1,14,750 MT/year.
9. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement.
10. Appropriate activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.
11. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
12. The commitments made in the public hearing are to be fulfilled by the PP.
13. 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.
14. The conditions stipulated by the MoEF&CC vide their letter no. 2174 dated 29/11/2010 and 999 dated 05/08/2015 should be complied by the PP.

18. Case No. -5162/16 Shri Akash Gupta, Sub Lessee of MPSMCL, Sub Office-Harda, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for River Sand Quarry in an area of 6.700 ha. (14,000

cum/year) at Khasra no.-1, 116, 173, Village-Surakheda, Tehsil-Sonkachh, District-Dewas (MP)

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-1, 116, 173, Village-Surakheda, Tehsil-Sonkachh, District-Dewas (MP) 6.700 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.-2210, dated:-02/12/15, has reported that there are 05 more mines operating or proposed within 1000 meters around the said mine with total area of -49.92 ha including this mine.

The case was presented by the PP and OIC, MP SMCL in the 28th SEAC II meeting dated 02/06/2016 wherein as per the Google image of December, 2015 based on the co-ordinates provided by the PP it was observed that the entire lease area is submerged in water. OIC, MP SMCL submitted that enough sand is available during summer season. Committee after deliberations asked OIC, MP SMCL to submit recent photographs of the lease area showing availability of sand.

The case was discussed in the 36th SEAC II meeting dated 04/07/2016 wherein PP has submitted the photographs of the site vide letter dated 25/06/2016 stating the QL area is not submerged in water. Committee examined the photographs submitted by the PP and observed that the sanctioned volume of sand can be excavated from the QL as per the photographs 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 14,000 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 (Rapra) 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.

SEIAA vide letter no. 2892/SEIAA/16 dated 02/08/2016 has sent back the file to SEAC for clarification on cluster issue and the same was placed before the committee. The committee observed that the earlier MO vide letter no. 2210 dated:-02/12/15 has reported that there are 05 more mines operating or proposed within 1000 meters around the said mine with total area of 49.92 ha including this mine. But later on PP has submitted the revised MO certificate issued vide letter no. 570 dated 04/04/2016 stating no mines within 500 meters of this lease and thus the case was considered as non-cluster. The committee decides that above clarifications on cluster issue may be sent to SEIAA for considerations as per the recommendations made in the the 36th SEAC II meeting dated 04/07/2016.

19. Case No. – 2945/15 Shri Nagendra Singh, OIC, M.P. State Mining Corporation Ltd., Civil Line, Tikamgarh (M.P.)-472001. Sand Quarry Lease Area - 6.564 Ha., Capacity - 27,091 cum/year as per revised mine plan , at Khasra no.-1, 347, Vill.-Laar Khurd, Teh.-Jatara, District-Tikamgarh (M.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no.-1, 347, Vill.-Laar Khurd, Teh.-Jatara, District-Tikamgarh (M.P.) 6.564 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. ---, dated: --- has reported that there is --- more mine operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant in the 28th SEAC meeting dated 02/06/2016 wherein it was observed that PP has submitted revised mine plan along with replenishment plan in SEIAA on dated 10/05/2016 which was forwarded by SEIAA vides

letter no. 1644/SEIAA/16 dated 25/05/2015. During scrutiny of the documents by the committee it was observed that the mine plan submitted by the PP is defective as initial part of the mine plan belongs to “LAAR KHURD SAND DEPOSIT QUARRY” while from page no. 05 it belongs to “CHATURKARI SAND DEPOSIT QUARRY”.

Thus committee decided that PP should submit the correct copy of mine plan duly approved by the competent authority and certificate of mining officer verifying the leases within 500 meters area through SEIAA.

PP has submitted the revised mine plan which was forwarded by the SEIAA vide letter no. 2058/SEIAA/16 dated 16/06/2016.

The case was discussed in the 35th SEAC II meeting dated 03/07/2016 wherein the case was presented by the PP and their consultant wherein it was observed that a stop dam is in existence on the eastern side of the QL area thus committee decided that 100 meters area be left as safe zone in the QL area. The other 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 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.
- 100 meters area should be left as safe area in the QL from the stop dam.

SEIAA vide letter no. 2882/SEIAA/16 dated 02/08/2016 has sent back the file to SEAC for clarification on production quantity and the same was placed before the committee. The

committee observed that the mine plan is approved for the production quantity of 27,091 cum/year and the replenishment plan is also approved for the quantity of 27,091. Thus committee decided that the production capacity of 40,000 cum/year is a typographical error and which now should be read as 27,091 cum/year and the other conditions except production capacity will remain same as per the recommendations made in the the 35th SEAC II meeting dated 03/07/2016.

20. Case No.4401/15 M/s Sanik Foods Pvt.Ltd., Shri Litesh Jha, HIGGD-5, Dindayal Nagar, Phase-1, Kanth Road, and 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 in the 16th SEAC meeting dated 03/04/2016 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 'B':

- 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.

SEIAA vide letter no. 1620/SEIAA/16 dated 24/05/2016 sent the file back stating that *“from the Google map it was observed that presently by construction of a dam, the sand available is seen as scanty. PP was called for clarification and with complete co-ordinates. It is seen that recently power plant has come up at the site. PP in his presentation copy has filed the Google image of 2001 when the power plant and the dam had not existed,”* and the same was placed before the committee.

Committee observed that at the time of consideration of the project in the 16th SEAC meeting dated 03/04/2016; latest Google image available was of November, 2013 and the same was considered for evaluation of the project wherein dam existence was observed but since it was incomplete, back water was not observed in the QL area. However, now the recent available Google image is of 2015 which confirm that approx.80% of the QL area is submerged in water.

The case was discussed in the 28th SEAC meeting dated 02/06/2016 wherein it is recorded that the committee after deliberations decided that based on the recent available Google image of 2015, only 15% of the area is available for evacuation of sand, thus committee decided to reduce the volume of sand excavation to 92,000 cum/year and 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 69,000 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.

SEIAA vide letter no. 2302/SEIAA/16 dated 01/07/2016 sent back the file to SEAC referring the 28th SEAC II minutes dated 02/06/2016 that it appears there is ambiguity in the production capacity which was placed before the committee in the 36th SEAC II meeting dated 04/07/2016. Committee after perusal of the case file and deliberation decided that the recommended capacity was 69,000 cum/year which was 15% of the asked volume ie 4,60,000 cum/year.

SEIAA vide letter no. 2929/SEIAA/16 dated 03/08/2016 has again sent back the file to SEAC for clarification on production quantity and the same was placed before the committee. The committee observed that the quantity has been reduced as only 15% of the area is available

for evacuation of sand, thus committee decided to reduce the volume of sand excavation to 69,000 cum/year. Thus committee decided that the production capacity of 92,000 cum/year is a typographical error and which now should be read as 69,000 cum/year and the other conditions except production capacity will remain same as per the recommendations made in the the 28th SEAC II minutes dated 02/06/2016.

21. Case No. – 1698/2013 - Shri Ajay Kumar Pathak, Semariya Chowk, Chanakyapuri, P.O. & Distt - Satna (M.P), Pin Code-485001 Environment Clearance for approval of 8.094 Ha Limestone Mine at Village - Rampurchourasi, Tehsil - Raghuraj Nagar, District - Satna, (MP).

This is a mining project pertaining to mining of limestone in an are of 13.759 Ha. Production capacity proposed is 50,000 TPA of Limestone & 25,000 TPA of Reject stone. Application was forwarded by SEIAA to SEAC for scoping so as to determine TOT to carry out EIA and prepare effective EMP for the project.

The TOR was approved in the 137th SEAC meeting dated 24/07/2013 and the same was issued to the PP vide letter no. 759 dated 22/10/2013. The validity of TOR expired on 21/10/2015. PP vide their letter dated 20.08.15 has requested for TOR extention. After deliberations, the committee recommends the case for extension in TOR for one year with validity up to 21/10/16 in the 239th SEAC meeting dated 04/11/2015.

PP vide letter dated 20/07/2016 has again requested for extension in validity of TOR for one more year as draft EIA/EMP report of the project is complete which was placed before the committee. The committee observed that the TOR validity was once extended for one year in the 239th SEAC meeting dated 04/11/2015 with validity upto 21/10/2016 and as per MoEF&CC OM No. J-11013/41/2006-IA-II (I) (Part) dated 08/10/2014 it can be further extended for one year by regulatory authority. The Committee recommends that since PP has applied for the TOR validity extention on dated 20/07/2016, the TOR's validity can be further extended for one more year with validity upto 20/10/2017 as per MoEF&CC OM No. J-11013/41/2006-IA-II (I) (Part) dated 08/10/2014.

22. Case No. 1751/2014 M/s Chhindwara Mines Pvt. Ltd., Through Director Shri Annu Kohli, R/o L-1/9, Hauz Khas Enclave, New Delhi- 110016 – Gowri Wadona Manganese Ore Mine at Khasra No. –171, Village- Gowri Wadona - Tehsil – Sausar, Distt. – Chhindwara (M.P.) Lease Area –8.77 Ha., Lease Period – 20 Year (dt. 16/05/07 to 15/05/27)

Capacity – 10869 Cu.mt./Year. ToR. Env. Consultant: Creative Enviro Services, Bhopal (M.P.)

The case pertains to mining of Manganese Ore in a lease area of 8.77 Ha. The project falls under category B-1 and is mentioned as item 1(a) in the schedule of the EIA Notification. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project. PP and his consultant presented the salient features of the project along with the proposed TOR. It is observed that the project pertains to expansion.

The case was discussed in the 150th SEAC meeting dated 26/09/2014, After deliberations committee approved standard TOR, with following additional points for EIA / EMP:

1. Compliance of EC conditions duly validated by MoEF shall be submitted and appropriately discussed in the EIA report.
2. Micro-level details of 2Km radius around the site shall be presented separately depicting various sensitive receptors.
3. Conceptual plan shall be over-layered on the base map generated from satellite imagery.
4. Other standard TOR shall be applicable.

The TOR was issued to the PP vide letter no. 157 dated 30/09/2014 with vailidity upto 02 years from the date of issue of the letter. The TOR validity will expire on 29/09/2016.

PP vide their letter dated 26.06.16 has requested for TOR extention which was placed before the committee. The committee observed that the TOR was approved in the 150th SEAC meeting dated 26/09/2014 and the same was issued to the PP vide letter no. 157 dated 30/09/2014. The validity of TOR expired on 29/09/2016. PP vide their letter dated 26.06.16 has requested for TOR extention. After deliberations, the committee recommends the case for extension in TOR's validity period for one year with validity up to 28/09/17 as per MoEF&CC OM No. J-11013/41/2006-IA-II (I) (Part) dated 08/10/2014.

23. Case No.-3876/15 Shri Sushil Kumar Jain S/o Shri B.K. Jain, M/s Stuti Stone Crushing Co. R/o J-82, Kalka Jee, Delhi-474001. Prior Environment Clearance for approval of Stone Quarry in an area of 1.435 ha. (20,000 cum/year) at Khasra No.-3579/7, 3577, Vill.-Billaua, Tehsil-Dabra, District-Gwalior (MP)

This is case of **Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-3579/7, 3577, Vill.-Billaua, Tehsil-Dabra, District-Gwalior (MP) 1.435 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-Q-L-50/2015, dated: 21/08/2015 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was earlier discussed in the 249th SEAC meeting dated 14/12/2015 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 conditions in addition to the standard conditions at annexure 'A':

- Production of **Stone** as per mine plan with quantity not exceeding 20,000 cum/year.
- Mining is restricted to the southern part of the ML area and considering the shape of mining, the depth is also restricted to 12 meters.

SEIAA vide letter no. 10827 dated 29/01/2016 sent the file back to SEAC stating that this case pertains to village Billaua and therefore should have been part of Billaua cluster for which Hon'ble NGT has also directed to form a committee for a site visit and thereafter its site report. SEIAA has decided to return the case to SEAC for appraisal as per the directives of Hon'ble NGT.

The above cases were placed before the committee in the 17th SEAC II meeting dated 06/04/2016 wherein it was observed by the committee that in all the above cases mining officer has certified the leases within 500 meters radius around the site and on the basis of MO certificate the EC was recommended by the SEAC. Committee after deliberations decided to carryout site visit of all the above cases by a sub-committee to ascertain whether above cases are part of Biloua cluster or not.

Accordingly a two member's sub committee comprising of Shri. Prashant Shrivastava and Dr. Mohd. Akram Khan visited the site on 22.05.2016 wherein it is recorded that mine registered with case no. Case No.-3876/15 of Shri Sushil Kumar Jain S/o Shri B.K. Jain, M/s Stuti Stone Crushing Co. R/o J-82, Kalka Jee, Delhi-474001 Prior Environment Clearance for

approval of Stone Quarry Lease Area - 1.435 ha., Capacity - 20,000 cum/year, at Khasra No.-3579/7, 3577, Vill.-Billaua, Tehsil-Dabra, District-Gwalior (MP) is located > 500 meters away from the above mines with can be verified from the letter issued by concerned mining Officer (letter no.-Q-L-50/2015, dated: 21/08/2015) wherein it has been reported that there are no more mines operating or proposed within 500 meters around the said mine. This site is a single lease of 1.435 ha with no other mine within 500 meters located in the northwestern side of the billaua cluster. Two crushers are located on the western side of this lease and both were non-operational at the time of inspection. The wind direction at the time of inspection was from North to Southeastern direction. No demarcation/mine boundary pillars were available on site to verify the exact distances of this lease from the other sensitive environmental factors and billaua cluster. The mining officer and PP present during inspection also could not establish the exact mine boundary of this lease and their respective distances from the billaua cluster and other sensitive environmental factors. Thus sub-committee asked the concerned mine owner and officers from mining department to prepare a surface map of all the lease with the help of Tehsildar/Patwari/Mining Officer mentioning their exact distances from billaua cluster, nearby industry, billaua village, Main road etc and this map should be duly verified by the Tehsildar/Patwari/Mining Officer for further considerations. The repor of the committee was placed in the 28th SEACII meeting dated 02/06/2016.

PP vide letter dated 25/05/2016 has submitted the desired information which was placed before the committee in the 30th SEAC II meeting dated 04/06/2016. Committee observed that PP has submitted surface map which is duly verified by the Tehsildar stating the distances of this lease which are as follows:

- | | | |
|--|---|-------------|
| 1. Distance from mine to the road | : | 310 meter. |
| 2. Distance from mine to the billaua village | : | 1630 meter. |
| 3. Distance from mine to Billaua cluster | : | 789 meter. |
| 4. Distance from mine to steal plant | : | 830 meter. |
| 5. Distance from mine to School | : | 648 meter. |

The committee after deliberations decided that since this mine is >700 meters away from the billaua cluster and it single mine, the committee stands by its earlier recommendations made in the 249th SEAC meeting dated 14/12/2015.

SEIAA vide letter no. 2304/SEIAA/16 dated 02/07/2016 sent back the file to SEAC referring the 30th SEAC II minutes dated 04/06/2016 that it appears there is ambiguity in the

production capacity which was placed before the committee in the 36th SEAC II meeting dated 04/07/2016. Committee after perusal of the case file and deliberation decided that the recommended capacity was 69,000 cum/year which was 15% of the asked volume ie 4,60,000 cum/year.

(R. K. Sharma, Member)

(Mohd. Kasam Khan, Member)

(A.K Sharma, Member)

(Prashant Shrivastava, Member)

(Dr.Sonal Mehta, Member)

(Dr.NavinChandra, Chairman)

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

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

1. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

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

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. Plantation shall be carried out on the banks for stabilization of the banks.
4. The mining activity shall be done manually.
5. Heavy vehicles shall not be allowed on the banks for loading of sand.
6. The sand shall be transported by small trolleys up to the main transport vehicle.
7. Transport vehicles will be covered with 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.
18. Mining should be doen as per the submitted land use plan submitted by PP.