

The 264<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 12<sup>th</sup> January, 2016 under the Chairmanship of Dr R.B. Lal 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. Mohini Saxena, Member
2. Dr. M.P. Singh, Member
3. Dr. Alok Mittal, Member.

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

1. **Case No.4335/15 Shri Ramakant Rai S/o Late Shri Ramdas Rai R/o Village-Mahua Kheda, Tehsil & District-Damoh (MP)-470661 Prior Environment Clearance for approval of Sand Quarry in an area of 5.00 ha. (2,210 cum/year) at Khasra no.-1, 218, Village-Payra Pura, Tehsil-Damoh, 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.-1, 218, Village-Payra Pura, Tehsil-Damoh, 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 vide letter no. 294 dated: 4/9/2015 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. 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.

**2. Case No.4517/15 Shri Tejinder Singh, Authorized Signatory, G-1, Sapna Chambers, 12/1, South Tukoganj, Indore (MP)-461001 Prior Environment Clearance for approval of Sand Quarry in an area of 10.00 ha. (1,75,000 cum/year) at Khasra No.-126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP)**

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

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 2862 dated: 24/7/2015 has reported that there are 10 more mines operating or proposed within 1000 meters around the said mine with total area of 117.775 ha. including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vide letter no. 2862 dated: 24/7/2015 has reported that there are 10 more mines operating or proposed within 1000 meters around the said mine with total area of 117.775 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 control of 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.

**3. Case No.4518/15 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 5.00 ha. (30,000 cum/year) at Khasra No.-610, Village-Kacharghat, 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 located at Khasra No.-610, Village-Kacharghat, Tehsil-Mehgaon, District-Bhind (MP) 5.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 12 dated: 19/8/2015 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 24.00 ha including this mine.

The case was presented by the PP and their consultant. 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.

**4. Case No.4530/15 Shri Tejinder Singh, Authorized Signatory, G-1, Sapna Chambers, 12/1, South Tukoganj, Indore (MP)-461001 Prior Environment Clearance for approval**

**of Sand Quarry in an area of 3.611 ha. (28,000 cum/year) at Khasra No.-149/6, 1, Village-Jalkota, Tehsil-Maheshwar, District-Khargone (MP)**

This is case of Sand (Khodu Bharu) Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-149/6, 1, Village-Jalkota, Tehsil-Maheshwar, District-Khargone (MP) 3.611 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 in the form of combined NOC. Concerned Mining Officer vide letter no. 582 dated: 28/10/2015 has reported that there are 07 more mines operating or proposed within 1000 meters around the said mine with total area of 57.941 ha. including this mine.

It is a case of Khodu Bharu Sand mine and the case was presented by the PP and their consultant. After presentation committee decided that considering the sensitivity of site as the lease area is in between two rivers namely Karam and Khadali, case may be consider as B-1 category and standard TOR may be issued to carry out the EIA studies 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 control of 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. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

5. **Case No.4531/15 Shri Vijay Jaswani, Shubham Palace, Near Sindhi Dharamshala, District-Shahdol (MP)-484001 Prior Environment Clearance for approval of Sand Quarry in an area of 5.00 ha. (55,000 cum/year) at Khasra No. 151, Village-Diwari, Tehsil-Dindori, District-Dindori (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. 151, Village-Diwari, Tehsil-Dindori, District-Dindori (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 in the form of combined NOC by collector. Concerned Mining Officer vide letter no. 630 dated: 14/10/2015 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was observed that replenishment details of sand are not mentioned in the mine plan. Moreover, there is discrepancy in area details in the mine plan at page no. 12. Thus PP was asked to provide above details duly approved by the competent authority.

6. **Case No.4533/15 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (MP)-483119 Prior Environment Clearance for approval of Sand Quarry in an area of 1.00 ha. (18,000 cum/year) at Khasra No.-1/3, Village-Char Ghat, Tehsil-Jabalpur, District-Jabalpur (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1/3, Village-Char Ghat, Tehsil-Jabalpur, District-Jabalpur (MP) 1.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format in the form of combined NOC by collector. Concerned Mining Officer vide letter no. 1960 dated: 15/10/2015 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant. 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.

**7. Case No.4553/15 Shri Tejendra Singh, M/s Digiana Industries Pvt. Ltd., Sub Lessee of M.P. State Mining Corporation Limited, G-1, M-3, Sapna Chambers, 12/1, South Tukoganj, Hotel Shrimaya ke Piche, Indore (MP)-452001 Prior Environment Clearance for approval of Sand Mine in an area of 10.555 ha. (1,84,000 cum/year) at Khasra No.- 126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- 126, Village-Raipur, Tehsil-Hoshangabad, District-Hoshangabad (MP) (MP) 10.555 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. 2858 dated: 24/7/2015 has reported that there are 12 more mines operating or proposed within 1000 meters around the said mine with total area of 128.330 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that concerned Mining Officer vide letter no. 2858 dated: 24/7/2015 has reported that there are 12 more mines operating or proposed within 1000 meters around the said mine with total area of 128.330 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 control of 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.

8. **Case No. – 1427/13 M/s Shri Ram Traders, Prop. Shri Leelaram Gupta, Doli Road, Barhi Distt. Katni (M.P.) Environmental Clearance for Mining of Stone. Lease area 1.89 ha. capacity 70,000 cum/year at Khasra No. 1048/1, 1048/3 at village Bichpura, Tehsil Barahi, Dist. Katni (M.P.)**

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 1048/1, 1048/3 at village Bichpura, Tehsil Barahi, Dist. Katni (MP) 1.89 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. 3733 dated: 07/09/2015 has reported that there are 13 more mines operating or proposed within 500 meters around the said mine with total area of 15.53 ha including this mine.

The case was presented by the PP and during scrutiny of documents it was observed that maps attached with the mine plan are not approved by the competent authority. Thus PP was asked to submit maps duly approved by the competent authority.

9. **Case No. 2129/15 Mr. Vijay Singh Rawat, General Manager and Plant Head, Ranbaxy Laboratories Limited, 5,6,7 & 10 Ghirongi Industrial Area, Vill.-Malanpur, Th.-Gohad, Bhind (M.P.) Prior Environment Clearance for approval of modernization of existing consent at Vill.-Malanpur, Th.-Gohad, Bhind (M.P.) Env. Consultant: Kadam Env. Con. Delhi.**

This is an application submitted for EC on the proposed modernization of existing bulk drug manufacturing unit. The case was presented by the PP and his consultant. It was reported that the industry has already carried out the proposed modernization in compliance of the consent conditions issued by the MPPCB. The matter has been submitted to SEIAA for EC on directions of MPPCB.

The case was presented by the PP and their consultant wherein while going through the presentation and submissions made by the PP and his consultant committee decided that following details may be obtained from MPPCB before any further action in the matter:

- What changes in product-mix / modernization have been allowed to the industry after September 2006?
- What changes in pollution-load with changed product-mix / modernization have been observed by the MPPCB?
- Has industry violated the provisions of EP (Act) at point of time-details thereby and the action taken (if any).



The case shall be considered for further action after receiving above information from MPPCB.

The reply of MPPCB was received and the case was scheduled for the presentation but neither PP nor his authorized representative was present to represent their case. The person who came for the presentation on behalf of PP could not produce the proper authority letter from the PP and thus the case was deferred. The case may be scheduled in forthcoming meeting.

**10. Case No. – 1488/13 M/s Shri Ram Traders, Prop. Shri Leelaram Gupta, Doli Road, Barhi Distt. Katni (M.P.) Environmental Clearance for Mining of Stone 3.80 ha. at Khasra no. 209, capacity 90.000 cum/year at village Bichpura, Tehsil Barahi, Dist. Katni (M. P.) (BF 140 SEAC meeting)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at village Bichpura, Tehsil Barahi, Dist. Katni (M. P.) 3.80 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 3732 dated: 07/09/2015 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.70 ha including this mine.

The case was presented by the PP and during scrutiny of documents it was observed that maps attached with the mine plan are not approved by the competent authority. Thus PP was asked to submit maps duly approved by the competent authority.

**11. Case No. - 4000/15 Shri Dharmendra Singh Rathore R/o Anand Nagar, Rajakhedi, District-Sagar (MP)-470001 Stone Quarry in an area of 3.90 ha. (26,027 cum/year) at khasra No. 19 Vill.-Ramanna, Tehsil-Devri, District-Sagar (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.Vill.-Ramanna, Tehsil-Devri, District-Sagar (MP) 3.90 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 vide letter no. 857 dated: 9/7/2015 has reported that there are 9 more mines operating or proposed within 500 meters around the said mine with total area of 32.47 ha including this mine.

The case was presented by the PP and during scrutiny of documents it was observed that two different certificates have been issued by the mining officer. The one attached with the application issued vide letter no. 857 dated 09/07/2015 stating that 09 mines with cumulative area of 28.57 ha are operating / proposed within 500 meters radius. However during presentation PP produced another certificate issued vide letter no. 1857 dated 09/12/2015 stating only 05 mines with cumulative area of 16.30 ha.

Since two different certificates have been issued by the mining officer in this case, it is proposed that PP may be asked to provide fresh certificate of mining officer duly authenticated by the Regional officer, Regional office, Directorate of Geology and Mining, Jabalpur for further consideration of this project.

**12. Case No. 3210/15 M/s Shiv Shakti Trading Co., Near Piyush School, Basant Vihar Colony, Barhi Road, Katni (MP)-483501 Prior Environment Clearance for approval of Bauxite, Laterite & Fire Clay Mining Lease Area - 7.46 ha., Capacity - (1,76,131 TPA) at Khasra No.-1568, Vill.-Padwar, Teh.-Bahoriband, District-Katni (MP) Env. Consultant: Ascenso Enviro Pvt. Ltd., Noida.**

This is case of Bauxite, Laterite & Fire Clay mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1568, Vill.-Padwar, Teh.-Bahoriband, District-Katni (MP) 7.46 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant. It being a case of Bauxite, Laterite & Fire Clay Mining, 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 TORs:-

1. Compliance report of earlier EC conditions from MoEF&CC.
2. Details of year wise production since 1993 to till date.

3. Area wise details of existing green belt and proposed at the end of mining period.
4. Inventory of operating / proposed mines within 2 Km around the said mine.
5. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
6. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.

**13. Case No. - 4001/15 Shri Subhash Bansal S/o Shri Motilal Bansal R/o Khadiya Bazar, Shakti Nagar, Tehsil-Duddhi, District-Sonbhadra (UP)-486886 Stone Quarry in an area of 4.00 ha. (41,344 cum/year) at Khasra No.-112, 136, 137/1, 145, Vill.-Basauda, Tehsil-Mada, District-Singrauli (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-112, 136, 137/1, 145, Vill.-Basauda, Tehsil-Mada, District-Singrauli (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. 1919 dated: 10/9/2015 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant and it was observed that ML area is only 05 kms away from Chhatisgarh State as per Tehsildar's certificate. Since the cumulative area within 500 radius of this mine is <5.00 ha (As per Mining Officer vide letter no.-1919, dated: 10/09/2015) the general conditions are not applicable in this project as per GOI Notification No. S.O. 2731 (E) dated 09/09/2013 and thus the case was considered as B-2 category.

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 41,344 cum/year.

**14. Case No. -4003/15 Shri Naresh Prasad Gupta S/o Shri Kurchu Prasad Gupta R/o Vill.-Karami, Tehsil-Mada, District-Singrauli (MP)-486886 Metal Stone Quarry in an area of 1.69 ha. (28,430 cum/year) at Khasra No.-126, 127, Vill.-Karami, Tehsil-Mada, District-Singrauli (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-126, 127, Vill.-Karami, Tehsil-Mada, District-Singrauli (MP) 1.69 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. 1925 dated: 11/9/2015 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 7.19 ha including this mine.

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 28,430 cum/year.

**15. Case No. - 4005/15 Shri Prabhat Kumar Pathak C/o Dilip Buildcon Ltd., Bhopal, District-Bhopal (MP)-462016 Boulder Quarry in an area of 1.556 ha. (60,000 cum/year) at Khasra No.-8/12, 8/13, Vill.-Harrah, Tehsil-Mauganj, District-Rewa (MP)**

This is case of Boulder Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-8/12, 8/13, Vill.-Harrah, Tehsil-Mauganj, District-Rewa (MP) 1.556 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. 1447 dated: 1/9/2015 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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** not exceeding 60,000 cum/year as per mine plan.
- Being a Temporary Permit (TP) validity of EC should be only up to the validity of TP.
- Approach road from site to the main road will be maintained by the PP.
- It being a case of PP has to ensure the execution of closure plan.

**16. Case No. - 4007/15 Smt. Archana Singh W/o Shri Nagendra Pratap Singh R/o NH-2, B-477, NTPC Colony, Vindhya Nagar, District-Singrauli (MP)-480885 Prior Environment Clearance for approval of Stone Quarry in an area of 3.38 ha. (26,498 cum/year) at Khasra No.-20, 108, 109, Vill.-Duari, Tehsil-Chitrangi, District-Singrauli (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-8/12, 8/13, Vill.-Harrah, Tehsil-Mauganj, District-Rewa (MP) 3.38 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. 1447 dated: 1/9/2015 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

**17. Case No. - 4008/15 Smt. Chandrawati Singh W/o Late Shri Dinesh Singh R/o Jai Nagar, Post-Vindhya Nagar, District-Singrauli (MP)-486886 Metal Stone Quarry in an area of 3.00 ha. (20,485 cum/year) at Khasra No.-3126/1, 3126/2, Vill.-Jhara, Tehsil-Sarai, District-Singrauli (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-3126/1, 3126/2, Vill.-Jhara, Tehsil-Sarai, District-Singrauli (MP) 3.00 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. 1665 dated: 28/8/2015 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

**18. Case No. - 4009/15 Shri Shyamlal Jaiswal S/o Shri Lalai Jaiswal R/o Jhara, Tehsil-Sarai, District-Singrauli (MP)-486886 Stone Quarry in an area of 2.00 ha. (30,419 cum/year) at Khasra No.-3136, Vill.-Jhara, Tehsil-Sarai, District-Singrauli (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-3136, Vill.-Jhara, Tehsil-Sarai, District-Singrauli (MP) 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 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. 1879 dated: 7/9/2015 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 8.00 ha including this mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming

meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

**19. Case No. - 4010/15 Shri Komal Singh, M/s Om Stone Crusher R/o Vill.-Chachai, Tehsil & District-Anuppur (MP)-484220 Stone Quarry in an area of 1.347 ha. (13,800 cum/year) at Khasra No.-361/2, Vill.-Badhar, Tehsil-Pushprajgarh, District-Anuppur (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.-361/2, Vill.-Badhar, Tehsil-Pushprajgarh, District-Anuppur (MP) 1.347 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. 1248 dated: 7/9/2015 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 1.631 ha. including this mine.

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 13,800 cum/year.

**20. Case No. - 4011/15 Smt. Reeta Singh W/o Shri Akhand Pratap Singh R/o Vill.-Gada, Tehsil-Gopad Banas, District-Sidhi (MP)-486661 Stone Quarry in an area of 2.00 ha. (5,000 cum/year) at Khasra No.-23, Vill.-Bamuri, Tehsil-Gopad Banas, District-Sidhi (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.-23, Vill.-Bamuri, Tehsil-Gopad Banas, District-Sidhi (MP) 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 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.

1406 dated: 28/8/2015 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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 5,000 cum/year.

**21. Case No. - 4012/15 Shri Ajay Mod S/o Shri Surendra Ji Mod R/o Vill.-Bramhakundi, Tehsil-Dhar, District-Dhar (MP)-454001 Murram Quarry in an area of 2.00 ha. (15,868 cum/year) at Khasra No.-663, Vill.-Jetpura, Tehsil-Dhar, District-Dhar (MP)**

This is case of Murram Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-663, Vill.-Jetpura, Tehsil-Dhar, District-Dhar (MP) 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 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. 1118 dated: 25/5/2015 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant and during presentation it was observed that site is in close proximity (approx 350 meters) of a developing residential colony. Being a case of Murram quarry where blasting is not proposed thus case was considered. After presentation, PP was asked to submit fresh DFO certificate as there is overwriting in the dispatch date in the submitted certificate.

**22. Case No. - 4013/15 Shri Suresh Kumar Pathak R/o Vill.-Sakarvat, Post-Bihar, Taluka-Huzur, District-Rewa (MP)-486446 Stone Quarry in an area of 1.155 ha. (1710 cum/year) at Khasra No.-645/2, 645/1 kha, 645/1 Ga, Vill.-Mahra, Tehsil-Huzur, District-Rewa (MP)**



This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-645/2, 645/1 kha, 645/1 Ga, Vill.-Mahra, Tehsil-Huzur, District-Rewa (MP) 1.155 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. 1516 dated: 8/9/2015 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 2.805 ha including this mine.

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 1,710 cum/year.
- A village road is about 70 meters away from the ML area thus additional row of plantation should be provided towards roads side.

**23. Case No. - 4014/15 Shri Karuna Pathak R/o Vill.-Sakarvat, Post-Bihar, Taluka-Huzur, District-Rewa (MP)-486446 Stone Quarry in an area of 2.00 ha. (3,975 cum/year) at Khasra No.-604/3, 604/4, Vill.-Marha, Tehsil-Huzur, District-Rewa (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-604/3, 604/4, Vill.-Marha, Tehsil-Huzur, District-Rewa (MP) 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 certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1517 dated: 8/9/2015 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee

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

**24. Case No. - 4015/15 Shri Chand Mohammad S/o Shri Fasal Mohammad R/o Vill.-Saleha, Tehsil-Pawai, District-Panna (MP)-488333 Sandstone Quarry in an area of 0.85 ha. (8,000 cum/year) at Khasra No.-51/1, Vill.-Bachhon, Tehsil-Pawai, District-Panna (MP)**

This is case of Sandstone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-51/1, Vill.-Bachhon, Tehsil-Pawai, District-Panna (MP) 0.85 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. 1616 dated: 12/8/2015 has reported that there are 11 more mines operating or proposed within 500 meters around the said mine with total area of 18.69 ha including this mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable except the certificate issued by the DFO regarding distance of ML area from forest boundary. PP was asked to submit DFO's certificate indicating the exact distance of ML area from the forest boundary.

**25. Case No. - 4016/15 Shri Nagendra Pratap Singh S/o Late Shri Prem Kumar Singh R/o NH-2, B-447, NTPC Colony, Vindhya Nagar, District-Singrauli (MP)-486885 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (45,206 cum/year) at Khasra No.-837, Vill.-Gangi, Tehsil-Chitrangi, District-Singrauli (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-837, Vill.-Gangi, Tehsil-Chitrangi, District-Singrauli (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. 1347 dated: 15/9/2015 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

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

**26. Case No. 3363/15 Shri K.K. Lachhe, Executive Engineer, Public Works Department, Vidisha (MP)-464001 Prior Environment Clearance for approval of proposed 350 Bedded Government Hospital at Khasra No.-732/1, 736/1, 737/1, 738/1, 739/1, 740/1, 742, Vill.-Vidisha, Teh.-Vidisha, District- Vidisha (MP)**

This is a case for Prior Environment Clearance for approval of proposed 350 Bedded Government Hospital at Khasra No.-732/1, 736/1, 737/1, 738/1, 739/1, 740/1, 742, Village-Vidisha, Tehsil-Vidisha, District- Vidisha (MP).

The project pertains to development of 350 bedded hospital under Category B-2, item 8 (a) of the schedule of the EIA Notification hence requires prior EC from SEIAA. Application for grant of EC was forwarded by SEIAA to SEAC for appraisal. The case was presented by the PP and their Architect in this meeting.

The case was presented by the PP and their consultant in the 220<sup>th</sup> SEAC meeting dated 26/08/2015 wherein after deliberations, PP was asked to submit following information and make a presentation before the committee:-

1. Source of water supply and necessary approval from competent authority.
2. Disposal of Hazardous, Bio-Medical, Municipal wastes with specific mentioning of infectious wastes.
3. Define OT scrub & Wash.
4. Elaborate 30 Kl water requirement for miscellaneous purpose.
5. MSW collection bins should be marked on layout map.

6. Resubmit water balance chart by bifurcating infectious and non-infectious water water and their treatment and disposal plan/scheme.
7. Disposal plan of ETP sludge.
8. Location of storage area should be marked on layout map for Hazardous, Bio-Medical, Municipal wastes.
9. Land for GNM has been shown in the site layout map as a part of the project but in other maps submitted in presentation, land for GNM is not shown as a part of the project. PP should submit proper justification on above with revised layout map.
10. Details scheme of plantation in and around the periphery of area. Details regarding compensatory plantation in lieu of 434 trees which are already uprooted.

The PP has submitted the above information and presented the query reply wherein after deliberations, PP was asked to submit response on following issues:-

1. PP has proposed that 30 KLD treated waste water will be utilized outside the premises for which necessary agreement with the concerned authority be submitted.
2. A common storage for Bio-medical, Hazardous and Municipal solid waste have been proposed by PP which is not acceptable and should be stored separately. PP was asked to submit revised plan for the above waste storage.
3. Details of waste generated for the project needs to be re-assessed as there are mistakes in calculation (Residential refuse).
4. A written commitment by the PP that it is a standalone project and GNM is not a part of this project.
5. As per the permission given by the municipal corporation, 5 times trees are to be planted against the number of trees felled for which detailed plan is not submitted. PP was asked to submit necessary details of plantation.

**27. Case No.-3318/2015 Shri Narendra Singh R/o Vill.-Dhanpuri, Teh.-Pushprajgarh, District-Anuppur (MP)-484881 Prior Environment Clearance for approval of Metal Stone Quarry in an area of 1.011 ha. (35,834 cum/year) at Khasra No.-99/A, Vill.-Dheerutola, Teh.-Pushprajgarh, District-Anuppur (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-99/A, Vill.-Dheerutola, Teh.-Pushprajgarh, District-Anuppur (MP) 1.011 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. 1616 dated: 12/8/2015 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 4.248 ha including this mine.

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 35,834 cum/year.

**28. Case No. - 2889/2015 Commissioner, Indore Municipal Corporation, Indore (M.P.) – 452 009 Designing Engineering Procurement, Construction, Testing, Commissioning, Trial Run along with Operation & Maintenance of 4 MLD capacity effluent treatment plant for 3 years to treat sanwer Road Industrial area effluent and sewage flowing through Narval Nallah, Sanwer Road, Indore under Simshastha – 2016. Consultant: SMS Envocare Ltd. Pune**

**A- INTRODUCTION**

Indore Municipal Corporation (IMC), MP has proposed to setup a 4 MLD Common Effluent Treatment Plant at Sanwer Road Industrial Area, Indore City district Indore MP to treat the Effluent and Sewerage generated from Industries located in Sanwer Road Industrial Area and domestic sewerage from nearby residential area respectively. Presently all Effluent/Sewerage are directly coming into Khan River through various nallahs originating from different industrial and residential areas. On it way Khan River meets Shipra River which is considered to be one of the holy rivers of the state. Due to which, the quality of water from these Rivers is very bad and unsuitable for domestic and other uses.

The ultimate goal of Indore Municipal Corporation is to clean the Nallah& River to provide good quality of water by setting up CETP. After having the CETP, entire Effluent /Sewerage coming from the Industrial and residential area could be completely treated to protect the

environment and Shipra River from being getting polluted. Similarly, Government wants to clean the water quality of Shipra River which will be available to the visitors during upcoming **SimhasthaMela in 2016**.

**B- BRIEF DESCRIPTION OF PROJECT**

Sr. no	PARTICULARS	DETAILS			
1.	Project Name	4 MLD Combined Effluent Treatment Plant (CETP)			
2.	Screening Category	Item 7 (h) in EIA Notification, 14 <sup>th</sup> September 2006			
3.	<b>Location</b>				
	Village/Area	Sector-F, Sanwer Road Industrial Area, Indore			
	District	Indore			
	State	Madhya Pradesh			
	Topo sheet Number	46N/13			
	<b>Geographical Coordinate</b>	<b>Latitude</b>	<b>Longitude</b>	<b>Elevation</b>	
		22° 46' 22.34" N	75° 51' 8.01" E	539 MSL	
		22° 46' 24.23" N	75° 51' 11.46" E	538 MSL	
22° 46' 20.33" N		75° 51' 11.17" E	537 MSL		
22° 46' 20.30" N		75° 51' 4.95" E	539 MSL		
22° 46' 24.50" N		75° 51' 5.11" E	540 MSL		
4.	<b>Environmental Settings of the area</b>				
	Highway	National Highway: NH- 3 (Mumbai-Agra) at 8.5 km NH-59 (Ahmadabad-Indore) at 6.3 km			

		State Highway: SH-27 (Indore-Lchhapur) at 0.5 km		
	Nearest Railway Station	Indore RS: 3.4 Km		
	Nearest Air Port	Devi AhilyaBaiHolkar Indore Airport: 7.3 km		
	Nearest Town	Indore City: 5.8 Km		
	Nearest River	Saraswati River: 0.93 km		
	Eco Sensitive Zone (National Park, Wildlife Sanctuary, Biosphere Reserve, Wild Life Corridors etc.)	No Eco Sensitive Zone viz. National Park, Wild Life Sanctuary, Biosphere reserve, Wildlife Corridors falling within 5 km radius from the project site.		
	Historical & Archeological Important Place, Defense Establishment	No Historical & Archeological site and defense establishment is falling within impact zone of the project		
5.	<b>Project Requirement &amp; Cost</b>			
	Land Requirement	Total Area in possession: 19950 m <sup>2</sup>		
	Green Belt Development	Adequate Land Has been Allocated for the Same (33 %)		
	Water Requirement	Construction Phase: 25 m <sup>3</sup> /day Operation Phase: 5 m <sup>3</sup> /day		
	Raw Material	<b>Material</b>	<b>Quantity (kg/day)</b>	
			<b>ETP</b>	
		<b>Hydrate Lime</b>	<b>2000</b>	
		<b>Ferric Alum</b>	<b>1000</b>	
<b>Floculating Agent</b>		<b>10</b>		
	<b>Chlorine</b>	<b>40</b>		
Man Power	20			

	Requirement	
	Power Requirement	4300 kWh
	Project Cost	1040.55 Lakhs
	Cost of Environment Development Plan (EMP)	<b>Capital Cost: 82.00 Lakhs</b> <b>Recurring Cost: 93.20 Lakhs</b>

### C- DESIGN BASIS

Proposed Treatment Scheme and its process are based on the following Inlet and out effluent volume:

Total volume of Waste Water	:	4000 cu.m/day
Design Flow	:	4000 cu.m/day
Peak Flow	:	8000 cu.m/day

### D- COST OF IMPLEMENTATION OF ENVIRONMENTAL MANAGEMENT PLAN

The Costs involved in Environmental monitoring and Management to mitigate the adverse effects shall be put on account for the proposed project. The approximate cost for the EMP will be Rs. 82.00 lakhs towards capital investment and about Rs. 93.2 lakhs towards recurring cost per annum.

Details of the same are as follows;

S. No.	Particulates	Capital cost	Recurring Cost
1	Air Pollution Control	2.0	0.50
2	Laboratory	35.0	9.0
3	Noise Pollution Control	1.0	0.20
4	Environment monitoring and Management	--	6.0
5	Occupational Health	3.0	0.5
6	Green Belt	20.0	5.0



7	Solid waste management	21.0	72.0
	<b>Total</b>	<b>82.0</b>	<b>93.2</b>

The EIA/EMP was presented by the PP and their consultant. The submissions made by the PP were found to be satisfactory and acceptable hence the case was recommended for grant of prior EC subject to the following special conditions:

1. The quantity of effluent discharge from the CETP shall not exceed 04 MLD.
2. The IMC will ensure that effluent discharge from member units (cluster or individual unit) complies with the inlet norms of the CETP.
3. The IMC will establish the adequate treatment facilities to achieve the M.P. Pollution Control Board (MPPCB) norms.
4. The CETP shall have and use only one outlet for the discharge of its effluent and no effluent shall be discharged without requisite treatment and without meeting with the MPPCB norms.
5. Magnetic flow meters shall be provided at the inlet and outlet of the CETP and records for the same shall be maintained regularly.
6. The IMC shall not keep any bypass line or system, or loose or flexible pipe for discharging effluent outside or even for conveying treated or untreated effluent within the CETP premises.
7. In case of power failure, stand- by D.G. Set/s having power generation capacity equivalent to the requirement of power to run the CETP shall be installed, so that the CETP shall always be operated round the clock even in case of power failure.
8. Regular effluent quality monitoring shall be carried out for relevant parameters and the monitored data along with the statistical analysis and interpretation should be submitted to the MPPCB.
9. The ambient air quality shall be monitored in and around the CETP area and results shall be submitted to the MPPCB. The locations for the ambient air quality monitoring shall be fixed and reviewed in consultation with the MPPCB.
10. CETP sludge shall be dried, packed and stored in designated hazardous waste storage facility with pucca bottom and leachate collection facility, before its disposal.
11. All the storage tanks shall be fitted with appropriate controls to avoid any spillage / leakage. Bund/dyke walls shall be provided to the storage tanks. Closed handling system of chemicals shall be provided.
12. Personal Protective Equipments shall be provided to workers and its usage shall be ensured and supervised.
13. Training shall be imparted to all the workers on safety and health aspects of

- chemicals handling and CETP operations.
14. The overall noise level in and around the CETP area and D.G. Set shall be kept well within the standards by providing noise control measures including engineering controls like acoustic insulation hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise level shall conform to the standards prescribed under The Environment (Protection) Act, 1986 & Rules.
  15. In the event of the CETP not functioning as proposed / breakdown of the CETP, the CETP member units shall be immediately intimated to stop discharging the effluent / to shut down their plants immediately. The effluent from the member units shall not be received at CETP until the desired efficiency of the CETP has been achieved.
  16. Pucca flooring / impervious layer shall be provided in the work areas, chemical storage areas and chemical handling areas to minimize soil contamination.
  17. Good housekeeping shall be maintained within the CETP premises. All pipes, valves and drains shall be leak proof. Leakages from the pipes, pumps, shall be minimal and if occurs, shall be arrested promptly. Floor washing shall be admitted in to the effluent collection system for subsequent treatment and disposal.
  18. Storm water shall not be mixed with the effluent. The storm water drains shall be kept separate and shall remain dry throughout the year except monsoon.
  19. The Environmental Management Cell with suitably qualified staff for implementation of the stipulated environmental safeguards and for monitoring functions shall be setup under the control of the Chief Executive of the company.
  20. The project authorities shall also adhere to the stipulations made by the M.P. Pollution Control Board.
  21. Peripheral plantation all around the project boundary shall be carried out using tree plants of large canopy. Green area at the site will be maintained by the project proponents, which would have an overall cooling effect on the surroundings.
  22. PP will obtain other necessary clearances/NOC.
  23. Provisions shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after completion of the period.

**(R. B. LAL)**  
**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/Murram 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. 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.
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 tarpauline to minimize dust/sand particle emissions.
8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less.
11. No in-stream mining shall be allowed.
12. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. Established water conveyance channels should not be relocated, straightened, or modified.
14. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
15. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
16. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. EC will be valid for mine lease period subject to a ceiling of 5 years.