

The 253<sup>rd</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 18<sup>th</sup> December, 2015 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. U.R. Singh, Member
3. Shri M.P. Singh, Member
4. Shri Manoj Pradhan, Member
5. Shri Manohar K. Joshi, Member
6. Shri R. Maheshwari, Member
7. Dr. Srinivasan Krishnan Iyer, Member

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

**(A) MINING OF STONES IN CLUSTER OF MINES LOCATED IN VILLAGES JAMODI, KHEDA AND KHANDAVA – FOR TOR PRESENTATION**

Several individual proposals of existing lease holders within the boundary of cluster for mining of stone and its crushing located in village Kheda, Jamodi, Khandawa and Kalyansi Khedi of district Dhar were received from SEIAA for grant of environmental clearances. The projects have been conceived in respect of existing small mines (total application received from SEIAA till date are 24) each having area less than 5.00 ha for mining of stone (minor mineral).

Earlier some of the cases were recommended for EC but later on it was observed that all these cases are falling under the cluster situation and thus has to be dealt accordingly as per EIA Notification, 2006. The SEAC decided to carry out the site inspection of these cases to ascertain the environmental situation of such mines and cluster situation which was carried on dated 18/10/2015 wherein it was observed that about 43 small mines of minor mineral having lease area less than 5 ha is located in Khandwa, Kheda, Jamodi and Kalyansingh Khedi. Mining was being done in two hillocks which are located about 3.0 to 4.0 km apart thus forming two distinct clusters. Many abandoned mines were also seen. Some of the mines were located very close to habitation. Also within 5 km radius of these cluster many sensitive structure like Pithampur industrial area, a small dam, wind mills, National highways and other roads were located. A motor testing track was also under construction on the foothill of one of the hillock in which many mines are located.

Looking towards the nearness of these mines to sensitive area, formation of cluster of mines as defined in OM dated 24.12.2013, Committee recommends that cluster approach as suggested in DO letter No J-11013/34/2015-1A II (M) of Mr B Sinha Jt Secretary, MoEF & CC addressed to Dr A Singhvi, Principal Secretary, Mines, Govt of Rajasthan and procedure laid down in Appendix XI of Draft Notification of MoEF & CC dated 22.9.2015, be adopted for appraisal of these mining projects of minor mineral. The projects shall be appraised on the basis of an integrated EIA/EMP for entire cluster as well as site specific mine wise EMP for each project and one public consultation of all the affected villages for entire cluster.

1. A list of all the mines located in the cluster along with their production, lease area, details of crushers installed within the lease area, outside the lease area, status of mine plan, lease period etc for each cluster.
2. A satellite Image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industry, and other mines etc located within 5 km radius of the cluster for each cluster.
3. Natural drainage system and the drainage plan with arrangements to arrest suspended solids in the entire area.
4. An integrated surface plan of the area for each cluster.

The case for the TOR was presented by M/s Creative Enviro Services (a QCI Accredited Consultant) on behalf of the individual 19 mines owners scheduled for presentation today. The respective mine owners of 19 mines were also present. As informed during presentation, the projects are located in cluster of mines and most of which are in operation since last 10 years with cluster area of approx 62.662 ha. These mines are located in three villages namely Kheda, Jamodi and Khandawa in revenue waste land. The nearest National Highway (NH-3) is at a distance of 01 km. The mining process is open - cast semi mechanized mining involving drilling and blasting. The land use of the lease area is waste land (revenue). No diversion of any forest land is involved. Neither any protected area notified under WL (P) Act, 1972 exists nor any critically polluted area, notified eco-sensitive zone exists within 10 kms radius of the study area. M/s Creative Enviro Services during presentation also informed that an association namely Pithampur Stone Crusher Vyapari Association, Pithampur, District Dhar, with 26 members of lease owners has been constituted for EC purpose for the Kheda, jamodi and khandawa cluster. A letter dated 18/12/2015 of Pithampur Stone Crusher Vyapari Association, Pithampur, District Dhar is also submitted.

The details of mines presented today are as follows:-

1. Case No. 3248/15 Shri Rameshwar S/o Shri Gheesilal Thakur Raghuvanshi, Vill.-Akoliya, Post-Pithampur, Teh.- & District-Dhar (MP)-454660. Prior Environment Clearance for approval of Crusher Stone Quarry Lease Area - 2.00 ha., Capacity - (21,375 cum/year) at Khasra No.-753, Vill.-Kheda, Teh.-Dhar, District-Dhar (MP).
2. Case No. 2314/14 Shri Madan Singh Raghuvanshi S/o Shri Ratan Singh Raghuvanshi, Vill.-Kheda, Th.- & District-Dhar (M.P.)-454001. Prior Environment Clearance for approval of proposed Basalt Stone & Murum Quarry in an area of 2.00 ha. at Vill.-Kheda, Th.-Dhar, District-Dhar (M.P.)
3. Case No. 6 2892/2015 Smt. Rahela W/o Shri Sabir Khan, 45, Guljar Colony, Indore (M.P.)-452006. Jamodi Basalt Stone & Murram Quarry **Lease Area-1.762 ha.**, Capacity - 15,562 cum/year, at Vill.-Jamodi, Teh.-Dhar, District-Dhar (M.P.)
4. Case No. 2045/14 Shri Ramnarayan Mukati S/o Shri Bhawar Singh Mukati, Vill.-Kheda, Th.-Dhar, District-Dhar (M.P.)-454001. Prior Environment Clearance for approval of proposed Metal Stone Quarry in an area of 3.00 ha. at Vill.-Kheda, Th.-Dhar, District-Dhar (M.P.)
5. Case No.- 2514/2015 Shri Sandeep Patidar S/o Shri Rameshwar Patidar, Vill.-Bhawaria, Teh.-Kukshi, Dhar (-M.P.)-45433. Kheda Basalt Stone & Murram Quarry Lease Area - 4.00 ha., Capacity- 31,373 cum/year, at Vill.-Kheda, Th.-Dhar, Dist-Dhar (M.P.)
6. Case No. 6 2610/2015 Shri Harisingh Raghuvanshi S/o Shri Bheru Singh Raghuvanshi, Vill.-Bardari, Teh. & Distt.-Dhar (M.P.)-454001. Stone Quarry Lease Area - 3.00 ha., Capacity - 16,000 cum/year, at Vill.-Khandwa, Teh.-Dhar, Distt. - Dhar (M.P.)
7. Case No. 2079/14 Shri Rameshwar Mukati S/o Shri Harisingh Mukati, Vill.-Akoliya, Th.-Dhar, District-Dhar (M.P.)-454001. Prior Environment Clearance for approval of proposed Basalt Stone Quarry in an area of 2.00 ha. at Vill.-Akoliya, Th.-Dhar, District-Dhar (M.P.)
8. Case No. 2021/14. Shri Lakhan Singh S/o Shri Arjun Singh, Jhangirpur, Th.-Barnagar, District-Ujjain (M.P.)-456776. Prior Environment Clearance for approval of proposed River Bed Sand Quarry in an area of 5.960 ha. at Vill.-Malpura, Th.-Barnagar, District-Ujjain (M.P.)

9. Case No. 3247/15 Shri Atul Jajodiya, Proprieter, M/s Tirupati Stone Crusher, Sudama Nagar, Teh.- & District-Indore (MP)-454660. Prior Environment Clearance for approval of Crusher Stone Quarry Lease Area - 2.00 ha., Capacity - (28,500 cum/year) at Khasra No.-1022/2, Vill.-Kheda, Teh.-Dhar, District-Dhar (MP)
10. **Case No. 2046/14.** 1(a) Shri Ramnarayan Mukati S/o Shri Bhawar Singh Mukati, Vill.-Kheda, Th.-Dhar, District-Dhar (M.P.)-454001. Prior Environment Clearance for approval of proposed Jamodi Metal Stone Quarry in an area of 2.00 ha. at Vill.-Jamodi, Th.-Dhar, District-Dhar (M.P.)
11. **Case No. 2139/14** Shri Sanjay Jain S/o Shri Uttam Chandra Jain, Mhow, District-Indore (M.P.)-453441. Prior Environment Clearance for approval of proposed Stone Quarry in an area of 3.00 ha. at Vill.-Kheda, Th.-Dhar, District-Dhar (M.P.)
12. **Case No. 2214/14** Shri Someshwar Patidar S/o Shri Satyanarayan Patidar, Vill-Bhavriya, Teh-Kukshi, Dist-Dhar (M.P.)-454446. Prior Environment Clearance for approval of proposed Jamodi Basalt Stone & Murram Quarry in an area of 2.00 ha. at Vill.-Jamodi, Th.- & District-Dhar (M.P.)
13. **Case No. 2215/14** Smt. Sangita Patidar W/o Shri Sudama Patidar, 49, Happy Villa Colony, Dhar (M.P.)-454001. Prior Environment Clearance for approval of proposed Jamodi Basalt Stone & Murram Quarry in an area of 2.00 ha. at Vill.-Jamodi, Th.- & District-Dhar (M.P.)
14. **Case No. 2251** Shri Rajesh Khare S/o Shri Gammulal Khare, Vill-Dhannad, Teh-Depalpur, Dist-Indore (M.P.)-453001. Prior Environment Clearance for approval of proposed Kheda Stone Quarry in an area of 3.00 ha. at Vill.-Kheda, Th.-Dhar, District-Dhar (M.P.)
15. **Case No. 2292/14** Shri Sher Mohammed S/o Shri Nisar Ahmed, Vill.-Sagore, Th.- & District-Dhar (M.P.)-454774. Prior Environment Clearance for approval of proposed Stone Quarry in an area of 2.00 ha. at Vill.-Kheda, Th.-Dhar, District-Dhar (M.P.)
16. **Case No. 2293/14** Shri Bhupendra Nahar S/o Shri Raajmal Nahar, Vill.-Sagore, Th.- & District-Dhar (M.P.)-454774. Prior Environment Clearance for approval of proposed Stone Quarry in an area of 2.00 ha. at Vill.-Kheda, Th.-Dhar, District-Dhar (M.P.)

17. **Case No. 2807/15** Shri Hemant Kumar Sharma, 171, Sanghi Street, Mhow, Indore (M.P.)-461441. Prior Environment Clearance for approval of Kheda Basalt Stone & Murram Quarry in an area of 3.00 ha. (Stone: 14374 cum & Murram : 2875 cum per year) at Vill.-Kheda Th.-Dhar, District-Dhar (M.P.)
18. **Case No. 2139/14** Shri Sanjay Jain S/o Shri Uttam Chandra Jain, Mhow, District-Indore (M.P.)-453441. Prior Environment Clearance for approval of proposed Stone Quarry in an area of 3.00 ha. at Vill.-Kheda, Th.-Dhar, District-Dhar (M.P.)
19. **Case No. 2215/14** Smt. Sangita Patidar W/o Shri Sudama Patidar, 49, Happy Villa Colony, Dhar (M.P.)-454001. Prior Environment Clearance for approval of proposed Jamodi Basalt Stone & Murram Quarry in an area of 2.00 ha. at Vill.-Jamodi, Th.- & District-Dhar (M.P.)

In terms of EIA notification dated 9<sup>th</sup> September, 2013 read in conjunction with MoEF&CC OM No. J-13012/2012/12/2013-IA-II (I) dated 24/12/2013 para2-I and subsequent clarifications in Mining of Minor Minerals (II), the project activity in respect of above mines forms a cluster of mines and falls under category B-1 as the total lease area of all mines located within 500 meters periphery exceeds 25.00 ha. and thus committee after deliberations and discussion decided to adopt cluster approach for appraisal of these projects and issue standard TOR prescribed by the MoEF&CC for conducting the EIA with following additional TOR. The projects shall be appraised on the basis of an integrated EIA/EMP for entire cluster as well as site specific mine wise EMP for each project and one public consultation of all the affected villages for entire cluster.

1. A certificate from the mining officer certifying the formation of cluster as defined in MOEF Om dated 24.12.2013 by these projects along with the lease area and status of lease of each project forming cluster.
2. A list of all the mines located in the cluster along with their lease area, lease period, existing production, proposed production as per approved mine plan, production for which the EC is desired ( Form 1), available minable reserve, proposed ultimate depth, post mining land use, details of crusher if located within the lease area, if crushing is done outside the lease area its location and details, details of any habitation, water body, road, school, or hospital or any other public place within 500 m of the cluster.

3. A satellite image of the area showing all the mines and crusher located in the cluster, mineral evacuation route, all important features like water body, habitation, roads, industries and other mines etc located within 5 km radius of the cluster.
4. A surface plan of the entire cluster area (contour interval not more than 3.0 m) with maximum and minimum RL of each mine of cluster.
5. Air pollution control measures adopted by each mine and crusher in the cluster.
6. An evacuation plan for entire cluster with evacuation route shown on a map, location of school, hospital, habitation etc falling on the route should also be shown on the map. The plan should also include the type and condition of the road and a justification that road network is adequate to evacuate the proposed production from the cluster.
7. Ambient Air Quality Monitoring and Noise Monitoring on following locations be conducted for one season (winter):-
  - (a) Three monitoring station one each at three nearby villages i.e. Kheda, Jamodi & Khandawa.
  - (b) Two monitoring station one each at both the evacuation road.
  - (c) Three monitoring station i.e. one at windward direction and two at leeward direction.
  - (d) Three monitoring station within the cluster area near installed crushers.
  - (e) One monitoring station close to water body (if any).
8. Furnish the name and production of the each mine that were in operation during the base line data collection.
9. Photography should also be done during collection of baseline data.
10. Discuss in EIA report the present scenario of OB management with locations of OB dump marked on map and proposed OB management plan for entire cluster.
11. Provide information regarding mine wise requirement of water, mine wise source of water and total water requirement of entire cluster.
12. A blast induced ground vibration and air over pressure study for the mines located within 500 m of any dwellings or any other important structure. The study should clearly recommend site specific square root predictor equation for determining the maximum charge/dely that can be safely used.

13. A drainage plan for entire cluster and surface run off management plan.
14. Hydrological studies be carried out to address the impact of existing mining activities on ground water. The report shall clearly mention the maximum depth up to which mining can be done in the cluster without causing any adverse impact on ground water quality.
15. Afforestation plan for entire cluster of mines. If plantation is proposed outside the lease area also, commitment of district administration is also required.
16. A conceptual closure plan of the entire cluster.
17. Public Consultation be conducted as per EIA Notification,2006.
18. Base Line Monitoring Data which has been collected from October, 2015 can be used in the EIA report.
19. Provide details of court cases/ litigations pending, if any.
20. Certificate from mining officer that no more mines are left out in this cluster and all the mines are having valid mining lease.

Neither the Project Proponent (PP) nor their representative of following projects 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:-

1. Case No. 3217/15 Shri Kuldeep Choudhary S/o Shri Krishna Choudhary, Vill.-Khandwa, Teh.-Dhar, District-Dhar (MP)-454001. Prior Environment Clearance for approval of Crusher Stone Quarry Lease Area - 4.00 ha., Capacity - (28,500 cum/year) at Khasra No166/5/1, 162, Vill.-Kalyansi Khedi, Teh.-Dhar, District-Dhar (MP)
2. Case No. 3218/15 Shri Haritpal Singh, Operations Manager, M/s Dharti Mines Pvt. Ltd., 191, Transport Nagar, Indore (MP)-452001. Prior Environment Clearance for approval of Basalt Stone & Murrum Quarry Lease Area - 4.00 ha., Capacity - (Basalt stone-98,532 & Murrum-5,796 cum/year) at Khasra No.-Part of 162, Vill.-Kalyansi Khedi, Teh.-Dhar, District-Dhar (MP)
3. Case No. 3211/15 Shri Surendra Singh Hora S/o Dharam Singh Hora, 4, Gulmohar Extension Colony, Indore (MP)-452007. Prior Environment Clearance for approval of Basalt Stone & Murrum Quarry Lease Area - 4.00

ha., Capacity - (Basalt stone-1,07,185 & Murram-6,305 cum/year) at Khasra No.-Part of 162 Vill.-Kalyansi Khedi, Teh.-Dhar, District-Dhar

4. Case No. 3213/15 Shri Haritpal Singh, Operations Manager, M/s Dharti Mines Pvt. Ltd., 191, Transport Nagar, Indore (MP)-452001. Prior Environment Clearance for approval of Basalt Stone & Murrum Quarry Lease Area - 4.00 ha., Capacity - (Basalt stone-91,602 & Murram-5,388 cum/year) at Khasra No.-Part of-162, Vill.-Kalyansi Khedi, Teh.-Dhar, District-Dhar (MP)
5. **Case No. – 3114/2015** Shri Jeevan Choudhary S/o Shri Mangilal Choudhary, Vill.-Khandwa, Teh.- & District-Dhar (M.P.)-454001. Basalt Stone Quarry Lease Area - 1.00 Capacity - 19,000 cum/year, at Vill.-Kalyansi Khedi, Teh.-Dhar, District-Dhar (M.P.)

**(B) FOLLOWING CASES OTHER THAN ABOVE THREE CLUSTERS WERE ALSO DISCUSSED IN THE MEETING**

**1. Case No. 3491/15 Smt. Kumkum Singh W/o Shri Collector Singh R/o Vill.- & Post-Kubari, Teh.-Sihawal, District-Sidhi (MP)-486670. Prior Environment Clearance for approval of Stone Quarry in an area of 1.060 ha. (7,065 cum/year) at Khasra No.-82/2, Vill.-Khori, Teh.-Sihawal, 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.-82/2, Vill.-Khori, Teh.-Sihawal, District-Sidhi (MP) 1.060 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.1375, dated: 20/11/15 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per DFO letter no. 8280 dated 06/11/2015, the Son Ghariyal Sentury is 3.525 Kms away for which PP has applied online application for wild life clearance and submitted the copy of application made with proposal no. FP/MP/MIN/379/2015.



The case was presented by the PP and their consultant and during presentation PP informed that crusher is proposed outside of lease area. The EMS and other submission made by the PP were found satisfactory except the details of existing land use and land use after mining which were not tallying. Thus PP was asked to submit revised details duly authenticated by the mining officer.

**2. Case No. 2088/14 Shri Gulab Singh Baghel S/o Shri I.B. Singh Baghel, 244, Sanjeevani Nagar, Garha, Jabalpur. Prior Environment Clearance for approval of proposed Basalt Stone Quarry in an area of 1.930 ha. Capacity – 34200 cum/Year, at Khasra No.-26, Vill.-Khursi, Th.-Jabalpur, District-Jabalpur (M.P.)**

This is case of **Basalt Stone Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located At Khasra No.-26, Vill.-Khursi, Th.-Jabalpur, District-Jabalpur (M.P.) 1.930 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.1847, dated: 23/09/14 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine and total area-8.42 ha including this mine.

The case was earlier discussed in the 171<sup>st</sup> SEAC meeting dated 29/01/2015 and the same was referred back to SEAC as per the decision taken in 253<sup>rd</sup> SEIAA dated 29/10/2015 as revised co-ordinates are provided by the PP which are duly authenticated by mining officer and revised co-ordinates are different from the co-ordinates on the basis of which case was appraised earlier. Thus the site was appraised again on the basis of revised co-ordinates.

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 **Basalt Stone** as per mine plan with quantity not exceeding 34200 cum/Year.

**3. Case No. 3512/15 Shri Vaibhav Sharma R/o 123, Magalwara Ward No. 2, Jagdishpura, Hoshangabad (MP)-461001. Prior Environment Clearance for approval of Sand Mine in an area of 10.555 ha. (1,84,000 cum/year) at Khasra No.-126, Vill.-Raipur, Teh.-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, Vill.-Raipur, Teh.-Hoshangabad, District-Hoshangabad (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.-2726, dated: 13/07/2015 has reported that there are 12 more mines operating or proposed within 1000 meters around the said mine and total area-128.33 ha including this Mine.

Executive Director, M.P. State Mining Corporation Ltd., Bhopal vide letter No. Ret-2/2015-16/450 Bhopal dated 08/09/2015 has submitted a list of cluster of mines existing in the state for issuance of TOR which was forwarded by SEIAA vide letter no 5774/SEIAA/15 Bhopal dated 26.09/15 for consideration as per EIA notification. As per above list the 54 mines are in the cluster and total Area-731.791 ha including this mine. After presentation and deliberations it was observed that following sanctioned/proposed mines in the area are forming a cluster which is >25 ha.:-

Sl.No.	Name of lease holder	Mine village name	Khasra No.	Area of lease (ha)
1.	M.P. State Mining Corporation, Hoshangabad	Raipur -1	126	12.673
2.		Raipur -2	126	11.000
3.		Raipur -3	126	10.000
4.		Raipur -4	126	10.555
5.		Raipur -5	126	10.000
6.		Raipur -6	126	10.555
7.		Raipur -7	126	10.000
8.		Raipur -8	126	10.555
9.		Raipur -9	126	10.000

10.		Raipur -10	126	10.555
11		Raipur -11	126	10.000
12		Raipur -12,13,14	126	31.110
13		Raipur -15	126	10.000
14		Raipur -16	126	10.555
15		Raipur -17	126	10.000
16		Raipur -18,19,20	126	31.110
17		Raipur-21,22,23	126	30.555
18		Raipur-24	126	10.555
19		Raipur-25	126	10.000
20		Raipur-26	126	10.555
21		Raipur-27	126	10.000
22		Raipur-28	126	10.555
23		Raipur-29	126	10.000
24		Raipur-30	126	10.558
25		Jasalpur	691/1	10.000
26		Nimsadia	1169/1	04.000
27		Nimsadia-1	1163	20.243
28		Nimsadia-2	1163	20.243
29		Devlakhedi	60	12.145
30		Mehraghat 01,02,03	365	34.965
31		Mehraghat 04,05,06	365	34.965
32		Mehraghat 07,08,09	365	34.965
33		Mehraghat-10	365	11.655
34		Horipippar	226	19.746
35		Horipippar-A	153	09.400
36		Horipippar-B	153	09.400
37		Horipippar-C	153	09.400
38		Pilikarar	01	05.000
39		Jhakarseth	92/2,93/3,94/1	05.000
40		Chaplasar	01	05.000
41		Balabhainth	01/01	05.000
42		Manwada	202/2	20.242
43		Anchalkhega-1	87/2	10.000
44		Anchalkhega-2	87/2	10.000
45		Anchalkhega-3	87/2	10.000
46		Anchalkhega-4	87/2	10.486
47		Anchalkhega	87/2	15.490

48		Suakhedi	01/01	15.000
49		Pawarkheda	01/01	17.000
50		Pawarkheda	01/01	23.000
51		Pawarkheda	01/01	18.000
52		Pawarkheda	01/01	24.000
53		Pawarkheda	01/01	15.000
54		Pawarkheda	01/01	15.000
				731.791

All the mines of above cluster after their individual valid application in SEIAA & presentation in SEAC for TOR can conduct regional EIA but their EMP should be site specific and will be considered on case to case basis.

Being it is 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 TOR:-

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. Photographs of individual mine during EIA process with date.
6. Justify the production from each mine and also justify the duration when mining is possible.
7. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
8. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
9. Discuss and assess impacts of sand mining on pisciculture.
10. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
11. Discuss the measures that will be adopted for the bank erosion.
12. 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.

13. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
14. A habitation is in close vicinity and possible impacts & mitigation measures be addressed in EIA.

**4. Case No. 3516/15 Shri Rajkumar Shrivastava, A-2-59, Awas Nagar, Dewas (MP).  
Prior Environment Clearance for approval of Stone/Boulder Quarry in an area of  
3.00 ha. (12,671 cum/year) at Khasra No.-214, Vill.-Rabadiya, Teh.-Tonk Khurd,  
District-Dewas (MP)**

This is case of **Stone/Boulder Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-214, Vill.-Rabadiya, Teh.-Tonk Khurd, District-Dewas (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.-1193, dated: 20/07/2015 has reported that there are no more mines operating or proposed w 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 :-AØ

- Production of **Stone** as per mine plan with quantity not exceeding 12,671 cum/Year.

**5. Case No.-3310/2015 Shri Fikir Chand Rathore S/o Shri Laxmi Narayan Ji Rathore,  
Aantrimata, Teh.-Manasa, District-Neemuch (MP)-458339. Prior Environment  
Clearance for approval of Stone Quarry in an area of 2.00 ha. (8,550 cum/year) at  
Khasra No.-1/3, Vill.-Budha, Teh.-Malhargarh, District-Mandsaur (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.-1/3, Vill.-Budha, Teh.-Malhargarh, District-Mandsaur (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.-845, dated: 03/06/2015 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 -Aø

- Production of **Stone** as per mine plan with quantity not exceeding 8,550 cum/year with 06 meter depth restriction.

**6. Case No. - 3092/15 - Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Prior Environment Clearance for approval of Baghwad River Sand Quarry in Lease Area -16.00 ha., Capacity 25,000 cum/year at Khasra No.-192/1, 136, Vill.-Baghwad, Teh.-Timarani, District-Harda (MP)**

This is case of **Baghwad River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-192/1, 136, Vill.-Baghwad, Teh.-Timarani, District-Harda (MP) 16.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer enclosing the combined NOC issued by collector certifying leases within 1000 meters radius around the site and requisite information in the prescribed format. Concerned Mining Officer vide letter no.13338 dated: 20/09/2015 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

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

**7. Case No. – 3131/2015 Shri Satyendra Singh, OIC, M.P. State Mining Corporation Ltd., 1222/2, Napier Town, Near Fourth Bridge, Jabalpur (M.P.)-482001. Sand Mining Lease Area - 8.410 Capacity - 40,000 cum/year, at Khasra No.-151, Vill.-Kheri, Teh.-Sahpura, District-Jabalpur (M.P.)**

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located, at Khasra No.-151, Vill.-Kheri, Teh.-Sahpura, District-Jabalpur (M.P.) 8.410 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer enclosing the combined NOC issued certifying leases within 1000 meters radius around the site and requisite information in the prescribed format. Concerned Mining Officer vide letter no.1940 dated-14/10/15 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 40,000 cum/year.

**8. Case No. – 2758/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12 Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Dethi River Sand Quarry Lease Area - 0.809 ha.Capacity - 24,000 cum/year, at Khasra No. -01, Vill.-Dethi, Teh.-Seoni-Malwa, District-Hoshangabad (M.P.)**

This is case of **Dethi River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -01, Vill.-Dethi, Teh.-Seoni-Malwa, District-Hoshangabad (M.P.) - **0.809** 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.2918, dated: 30/07/15 has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine and Total Area-8.557 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 24,000 cum/year.

**09 Case No. – 2730/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Sahpur River Sand Quarry Lease Area - 1.315 ha., Capacity - 35,000 cum/year, Vill.-Sahpur, Teh.-Seoni Malwa, District-Hoshangabad (M.P.)**

This is case of **Sahpur River Sand Quarry** . The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located, Vill.-Sahpur, Teh.-Seoni Malwa, District-Hoshangabad (M.P.) 1.315 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.2927 dated-30/7/15 has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine and total area-8.557 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 35,000 cum/year.

**10 Case No. 3354/15 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12 Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Prior Environment Clearance for approval of Lachoura River Sand**



**Quarry in an area of 10.00 ha. (90,000 cum/year) at Khasra No. 1/1 at Vill.-Lachoura, Teh.-Tunarni, District-Harda (MP)**

This is case of **Lachoura River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 1/1 at Vill.-Lachoura, Teh.-Tunarni, District-Harda (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.8828, dated: 29/07/15 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

The case was earlier discussed in the 213<sup>th</sup> SEAC meeting dated 08/08/2015 wherein it was decided that the project along with the project mentioned as case no. 3099 are located on the downstream of Indira Sagar Dam and these sites always remain in water due to back-waters of the dam. Mining activities may not be feasible at these sites. Based on the above facts the cases were recommended for rejection.

However, due to typographical error, downstream was mentioned in place of upstream. As the mine is in the upstream of Indira Sagar Dam and entire mine area is submerged in water thus the case is not recommended for grant of EC.

**11 Case No. - 3955/15 Shri Kuldeep Rai, Partner, M/s Mahaveer Construction, Rani Avanti Bai Ward, District-Mandla (MP). Prior Environment Clearance for approval of Sand Quarry in an area of 5.100 ha. (1,53,000 cum/year) at khasra No.-586, Vill.-Bhapsa, Tehsil-Mandla, District-Mandla (MP)**

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located, at khasra No.-586, Vill.-Bhapsa, Tehsil-Mandla, District-Mandla (MP) 5.100 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer in the form of combined NOC 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.1008 dated-22/09/15 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 1,53,000 cum/year.

**12 Case No. – 2729/2015 Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12 Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Nawalgaon River Sand Quarry Lease Area - 0.708 ha. Capacity - 19,000 cum/year, at Khasra No. – 20/1, Vill.- Nawalgaon, Teh.-Seoni Malwa, District-Hoshangabad (M.P.)**

This is case of **Nawalgaon River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located, at Khasra No. ó 20/1, Vill.- Nawalgaon, Teh.-Seoni Malwa, District-Hoshangabad (M.P.) **0.708** 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.2921 dated-30/7/15 has reported that there are no more mines operating or proposed within 1000 meters around the said mine.

The case was earlier discussed in the 228<sup>th</sup> SEAC meeting dated 30/09/2015 wherein after presentation and deliberations it was observed that mine plan submitted by the PP is valid only till 2015. PP informed that the revised mine plan has been submitted to mining department for approval. Thus the case was deferred till submission of revised mine plan. PP was asked to submit the revised mine plan within 30 days through SEIAA.

PP has submitted the revised mine plan which was forwarded by the SEIAA vide their letter no. 7929 dated 23/11/2015 which was placed before the committee alongwith the other documents before the committee.

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 -B

- Production of Sand as per mine plan with quantity not exceeding 19,000 cum/year.

**13 Case No. - 3099/15 - Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12, Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Prior Environment Clearance for approval of Uchan River Sand Quarry in Lease Area -22.00 ha.Capacity - 1,00,000 cum/year at Khasra No.-1/1, Vill.-Uchan, Teh.-Handiya, District-Harda (MP)**

This is case of **Uchan River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located Khasra No.-1/1, Vill.-Uchan, Teh.-Handiya, District-Harda (MP)-22.00 ha. The project requires prior EC before commencement of any activity at site.

The case was earlier discussed in the 213<sup>th</sup> SEAC meeting dated 08/08/2015 wherein it was decided that the project along with the project mentioned as case no. 3354 are located on the downstream of Indira Sagar Dam and these site always remain in water due to back-waters of the dam. Mining activities may not be feasible at these sites. Based on the above facts the cases were recommended for rejection.

However, due to typographical error, downstream was mentioned in place of upstream. As the mine is in the upstream of Indira Sagar Dam and entire mine area is submerged in water thus the case is not recommended for grant of EC.

Dr 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/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. Entire plantation should be carried out in the initial 2-3 years while maintenance and causality replacement be done in subsequent years.
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 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.