

The 268<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 16<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. Alok Mittal, Member
3. Shri A. A. Mishra, Secretary

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

1. **Case No.4189/15 Shri Dharmendra Patel, Village-Ghuruaa post- Urduaa, Tehsil-Pnagar, District-Jabalpur (MP) Prior Environment Clearance for approval of Sand Quarry in an area of 16.00 ha. (1,28,000 cum/year) at Khasra No.- 382, Village-Gudakalan, Tehsil-Badwara, District-Katni (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- 382, Village-Gudakalan, Tehsil-Badwara, District-Katni (MP) 16.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format in the form of combined NOC by collector. Concerned Mining Officer vide letter no. 4040 dated: 29/6/15 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.

2. **Case No.4242/15 Shri Mukesh Thakur R/o Village-Chifkhodra, Tehsil & District-Dhar (MP)-454001 Prior Environment Clearance for approval of Sand Quarry in an area of 7.840 ha. (50,000 cum/year) at Khasra no.-84, Village-Kothida, Tehsil-Dharampuri, District-Dhar (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.-84, Village-Kothida, Tehsil-

Dharampuri, District-Dhar (MP) 7.840 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 RFO. Concerned Mining Officer vide letter no. 181 dated: 30/11/2015 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 12.840 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 along with the DFO certificate as the submitted certificate is of RFO.

**3. Case No.4338/15 Shri Atul Gondal, M/s Prime Vision Industries Pvt. Ltd., Sub Lessee, M.P. State Mining Corporation Ltd., 303, 3rd Floor, Vishal Chamber, P-1, Sector-18, Noida-201301 Prior Environment Clearance for approval of Sand Quarry in an area of 22.600 ha. (2,26,000 cum/year) at Khasra no.-825, Village-Khamroli, Tehsil-Sevda, District-Datia (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.-825, Village-Khamroli, Tehsil-Sevda, District-Datia (MP) 22.600 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 OIC. Concerned Mining Officer vide letter no. 449 dated: 20/8/2015 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 38.4 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. 449 dated: 20/8/2015 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 38.4 ha including this mine. It being a case of cluster

where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
  2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
  3. Photographs and maps depicting all the mines present in the cluster.
  4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
  5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
  6. Photographs of individual mine during EIA process with date.
  7. Justify the production from each mine and also justify the duration when mining is possible.
  8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
  9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
  10. Discuss and assess impacts of sand mining on pisciculture.
  11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
  12. Discuss the measures that will be adopted for the bank erosion.
  13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
  14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
  15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
4. **Case No.4368/15 Shri Atul Gondal, M/s Prime Vision Industries Pvt. Ltd., Sub Lessee, M.P. State Mining Corporation Ltd., 303, 3rd Floor, Vishal Chamber, P-1, Sector-18, Noida-201301 Prior Environment Clearance for approval of Sand Quarry in an area of 15.00 ha. (1,50,000 cum/year) at Khasra no.-278, Village-Bheekampura, Tehsil-Sevda, District-Datia (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.-278, Village-Bheekampura, Tehsil-Sevda, District-Datia (MP) 15.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format in the form of combined NOC by OIC. Concerned Mining Officer vide letter no. 450 dated: 20/8/2015 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 31.250 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. 450 dated: 20/8/2015 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 31.250 ha including this mine. It being a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.

11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

5. **Case No.4369/15 Shri Raghvendra Singh R/o C-28, Anuman Nagar, Khaipura, Jaipur (RJ)-302021 Prior Environment Clearance for approval of Sand Quarry in an area of 5.400 ha. (12,960 cum/year) at Khasra no.-196, Village-Singasar, Tehsil-Pawai, District-Panna (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.-196, Village-Singasar, Tehsil-Pawai, District-Panna (MP) 5.400 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. 2106 dated: 15/10/15 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.

6. **Case No.4370/15 Shri Kailash Chandra Gupta, M/s Shiva Corporation India Pvt. Ltd., 312, Ganpati Plaza, MIG Road, District-Jaipur (Raj.) Prior Environment Clearance for approval of Sand Quarry in an area of 24.747 ha. (1,73,223 cum/year) at Khasra no -870, 973, 1011/1, 1012, Village-Bhesnari, Tehsil-Dabra, District-Gwalior (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 -870, 973, 1011/1, 1012, Village-Bhesnari, Tehsil-Dabra, District-Gwalior (MP) 24.747 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. Q3 dated: 13/8/2015 has reported that there are 09 more mines operating or proposed within 1000 meters around the said mine with total area of 217.439 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. Q3 dated: 13/8/2015 has reported that there are 09 more mines operating or proposed within 1000 meters around the said mine with total area of 217.439 ha including this mine. It being a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.

11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.
13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

**7. Case No.4376/15 Shri Raghvendra Singh R/o C-28, Anuman Nagar, Khaipura, Jaipur (RJ)-302021 Prior Environment Clearance for approval of Sand Quarry in an area of 5.00 ha. (12,000 cum/year) at Khasra no.-02, Village-Kaithi, Tehsil-Pawai, District-Panna (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.-02, Village-Kaithi, Tehsil-Pawai, District-Panna (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. 2104 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.

**8. Case No.4410/15 Shri Kailash Chandra Gupta, M/s Shiva Corporation India Pvt. Ltd., 312, Ganpati Plaza, MIG Road, District-Jaipur (Raj.) Prior Environment Clearance for approval of Sand Quarry in an area of 18.770 ha. (75,080 cum/year) at Khasra no.-855, Village-Babupur, Tehsil-Dabra, District-Gwalior (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.-855, Village-Babupur, Tehsil-Dabra, District-Gwalior (MP) 18.770 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. Q/3 dated: 13/8/15 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.

**9. Case No.4468/15 Shri Jitendra Singh, M/s Prime Vision Industries Pvt. Ltd., 303, 3rd Floor, Vishal Chamber, P-1, Sector-18, Noida, District-Gautambudh (UP)-201301 Prior Environment Clearance for approval of Sand Quarry in an area of 16.120 ha. (1,61,200 cum/year) at Khasra No. – 01, Village-Kondh, Tehsil-Roun, 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. 01, Village-Kondh, Tehsil-Roun, District-Bhind (MP) 16.120 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. 03 dated: 19/8/15 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 32.34 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. 03 dated: 19/8/15 has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 32.34 ha including this mine. It being a case of cluster where



the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
  2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
  3. Photographs and maps depicting all the mines present in the cluster.
  4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
  5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
  6. Photographs of individual mine during EIA process with date.
  7. Justify the production from each mine and also justify the duration when mining is possible.
  8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
  9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
  10. Discuss and assess impacts of sand mining on pisciculture.
  11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
  12. Discuss the measures that will be adopted for the bank erosion.
  13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
  14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
  15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
- 10. Case No. 1826/2014 Mrs. Priyanka Sharma, M/s Narayan Metals and Minerals, Shop No. 3, City Bengali Club Market, Karamchand Chowk, Jabalpur (M.P.)-482006 Prior Environment Clearance for approval of proposed Gosalpur Manganese Ore, Blue, Dust, Laterite & Iron Ore Mine in an area of 12.77 ha. at Vill.-Gosalpur, Th.-Sihora, District-Jabalpur (M.P.)**

This is a project pertaining to mining of Manganese ore, Iron ore, Laterite, Blue dust, Latertire Iron and ETC minerals in MLA of 12.77 ha. The activity is mentioned at S.N. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 5 Km from the interstate boundary; thus is not attracted by the general conditions and falls under category 'B-1' by virtue of its location and mining lease area. Hence the project requires prior Environmental Clearance from the SEIAA. The case was forwarded by SEIAA to SEAC for scoping so as to determine TORs to carry out EIA and prepare EMP for the project.

Project proponent and his consultant presented the salient features of the project, PFR, baseline data and the proposed TOR before the committee. The presentation and the submissions made by the PP reveals following:

It was submitted that this is an operating mine having valid lease up to 2029 and consents form MPPCB. The proponent wish to enhance production from 2900 tons per annum to 104709 Tons per annum. Accordingly the mine plan has been approved.

### Environment setting

Particulars	Details
Locations	
Village	Gosalpur
Tehsil	Sihora
District	Jabalpur
State	MP
Latitude Longitude	23° 23' 40.1" to 23° 23' 57.9" North 80° 02' 49.7" to 80° 03' 00.7" East
Co-Ordinate	1. 23° 23' 57.9" - 80° 02' 59.5" 2. 23° 23' 40.1" - 80° 02' 58.3" 3. 23° 23' 49.9" - 80° 02' 50.3" 4. 23° 23' 57.5" - 80° 02' 56.9"
Nearest Village	Gosalpur - 0.70km - E
Nearest National/state Highway	Jabalpur ó Varanasi - NH-7 ó 1.0km- SE
Nearest Railway Station	Gosalpur - 2.0 km
Nearest Airport	Jabalpur - 24.0 km

Nearest Tourist Place within 10km radius.	None within 10km radius
Archaeological Important Place within 10km radius.	None within 10km radius
Ecological Sensitive Areas (Wild Life Sanctuaries) within 10km radius.	None within 10km radius
Reserved / Protected Forest within 10km radius (Boundary to boundary distance)	Borha RF -9.0km - SE
Nearest major city with 100000 population within 10km radius	Nil
Nearest Town / City within 10km radius	None
Nearest River	Heran River - 2.0 Km - NW Barne Nadi - 7.0km ó ENE
Nearest Nalla/ pond	Budhasagar Tank - 4.0km ó SW Barne Reservoir - 9.0km - SE Maral Reservoir - 10.0km ó SE Gosalpur Talab - 1.5km ó ESE Local Nalla - 0.7km - N
Nearest Hill Ranges	None within 10km radius
Other lease area within 500m radius	Lease area of M/s S. S. Enterprises

It was reported by the PP that

- The fresh lease was granted for period of 20 years from 08.04.2009 to 07.04.2029.
- The lease area comes under govt. waste land
- One other lease area are located within 500m radius
- The PP has already been obtained environmental clearance from SEIAA vide letter no. 256/EPPCO-SEIAA/10 dated 26/07/2010for existing capacity. Present proposal for capacity expansion from 2900 TPA to 104709TPA
- The PP has already been obtained CTO from MPPCB which is valid up to 30.10.2015
- The scheme of mining with progressive mine closure plan has been approved by IBM, Nagpur.

#### Sailent feature of the lease area

Particulars	Details
-------------	---------

Type of Mine	Open Cast
Mining Lease Area	12.77 ha
Mineable Area	4.1225ha
Existing Pits & Quarries	0.6277ha
Existing Dumps	0.3432ha
Plantation	0.2 ha
Recoverable Reserve	633336 T
Method of mining	OTFM
Ultimate Depth of Mining	14m (376mRL)
Ultimate Pit Slope	45 <sup>o</sup>
Expected Life of Mines	6 years
Lease Period	20 year upto 2029
Stripping Ratio	1 :0.26 to 1:0.85
Existing mode to transportation	Road
Area to be covered under dumps in conceptual period	2.2345ha
Area covered under pit in conceptual period	4.1225ha
Area to be reclaimed by conceptual period	0.0245ha
Area to be covered under plantation by conceptual period	6.0Ha
Area to be covered under water reservoir	1.6255ha
Elevation	441-390mRL
Ground water table	
Monsoon period	10m bgl (380mRL)
Dry month	12m bgl (378mRL)

## Mining Method

- Existing mining is being carried out by the open cast manual method using hand tools such as spades, chisel, hammer etc. and very occasional deployment of heavy earth moving machineries for excavation, loading & transportation on single shift basis in the iron ore, Mn ore and Laterite deposit at the east central part of the quarry.
- Three to four developments cum production benches of 2-6m height have developed at the south-eastern side of pit 1. The use of rock breaker has been done to loosen the boulder and massive formation
- For capacity expansion, it is proposed to adopt other than fully mechanised mining. All operations of mining will be done by deployment of heavy earth moving machineries for excavation, loading & transportation on single shift basis.
- Proposed development will be carried out with 9 benches of each 6m height and all benches will be development cum production benches. The individual bench faces will kept nearly vertical ( $80^{\circ}$ - $85^{\circ}$ ) while the pit slope will be less than  $45^{\circ}$ .
- The massive and hard Laterite and iron ore strata will be loosened through rock breaker.
- For facilitating the movement of laborers between bench foot steps are proposed. 10-12m wide haul road is proposed with the gradient of 1:16 to 1:20.
- Presently 0.6277ha area has been excavated up to 382mRL and during the ensuing five year development, fresh area of 1.3ha will be developed around the pit no.1 and pit-2 and cumulative area around 1.9277ha will be developed, the Mn ore zone will be developed up to 410mrl while iron ore fines zone will be developed with 382mrl (avg.) i.e. average 18m deep with a semi rectangular shape. Ground water seepage may encounter because the proposals of 5<sup>th</sup> year will be near to GWT hence in post monsoon season continuous dewatering will be done with two to three 10HP water pumps.

## Existing and proposed land use plan

<b>Total lease area</b>	<b>12.77ha</b>	
Ultimate depth of mining	8m bgl	14m bgl
Ultimate pit slope	45 degree	45 degree

Area under dumps	0.3432ha	2.2345ha
Area under pits	0.6277ha	4.1225ha
Area to be reclaimed	Nil	0.0245ha
Infrastructure & Road	0.1280ha	0.1280ha
Mineral storage	0.30ha	0.62ha
Plantation	0.2ha	6.0ha
Water body	0.32ha	1.6255ha
Area to be rehabilitated	Nil	2.4725ha

The case was presented by the PP and their consultant for TOR in the 154<sup>th</sup> SEAC meeting dated 10/11/2014 wherein after deliberations following additional TORsø have been prescribed for inclusion in the EIA report:

- Report on compliance of the EC conditions, duly authenticated, to be submitted.
- Production data for previous years with due validation from the concerned authority to be submitted.
- Hydro-geological studies to be carried out in view of ground water inception.
- Transport route from mine site up to the main road for transporting the material to be detailed.
- Air Quality assessment shall be carried out considering the other existing mines within 2 Km radius.
- Drawing and dimension of the ultimate water body intent to be developed after the mine is exhausted to be furnished.
- The baseline data being collected may be used in the EIA report.

PP made a request for revised TOR as physical beneficiation is to be added in the project and for which the case was presented by the PP and their consultant for additional TOR wherein after deliberations following additional TORsø have been prescribed for inclusion in the EIA report for physical beneficiation:

1. Issue of tailing leachates and its management be discussed in the EIA report.
2. Disposal of tailing residues/wastes should be addressed in the EIA.
3. Revised water balance be submitted in the EIA report incorporating requirement for the physical beneficiation.

**11. Case No.4234/15 M/s. Basheen Real Estate, Ashish Singh Thakur (Owner) R/o 635, Nepair Town, Jabalpur (M.P.) 482 001 Prior Environment Clearance for**

**approval of Stone Quarry in an area 2.0 ha. (44,100 Cum/Year) at Khasra No. 02 Part at Village – Manegaon, Teshil – Jabalpur Distt. Jabalpur (M.P.)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 02 Part at Village ó Manegaon, Teshil ó Jabalpur Distt. Jabalpur 2.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format in the form of combined NOC. Concerned Mining Officer vide letter no. 1753 dated: 16/9/2015 has reported that there are 11 more mines operating or proposed within 500 meters around the said mine with total area of 23.25 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that NH7 is approx. 60 meters away from the QL area as per the Google image based on the co-ordinates provided by the PP. PP informed that this is a road linked project sanctioned for construction of this NH only. PP was also asked to enhance the budget for the tree plantation which was submitted by the PP.

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 44,100 cum/year.
- National highway is in close proximity from the ML area thus barrier wall of 03 meters height of suitable material be provided by the PP.

**12. Case No.4237/15 Shri Ashish Singh Thakur, Owner, M/s Bhasin Real Estate Pvt. Ltd., R/o 635, Nepier Town, Jabalpur (MP)-482001 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (73,500 cum/year) at Khasra No-02 part., Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No-02 part., Village-Manegaon,

Tehsil-Jabalpur, District-Jabalpur (M.P.) 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. 1745 dated: 15/9/2015 has reported that there are 11 more mines operating or proposed within 500 meters around the said mine with total area of 23.25 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that NH7 is approx. 60 meters away from the QL area as per the Google image based on the co-ordinates provided by the PP. PP informed that this is a road linked project sanctioned for construction of this NH only. PP was also asked to enhance the budget for the tree plantation which was submitted by the PP.

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 73,500 cum/year.
- National highway is in close proximity from the ML area thus barrier wall of 03 meters height of suitable material be provided by the PP.

**13. Case No.4238/15 M/s. Basheen Real Estate, Ashish Singh Thakur (Owner) C/o Gurvinder Singh Bhaseen R/o 635, Nepair Town, Jabalpur (M.P.) 482 001 Prior Environment Clearance for approval of Stone Quarry in an area 2.0 ha. (44,100 cum/Year) at Khasra No-. 02 Part at Village – Manegaon, Teshil – Jabalpur, Distt. Jabalpur (M.P.)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No-. 02 Part at Village ó Manegaon, Teshil ó Jabalpur, Distt. Jabalpur (M.P) 2.00 ha. The project requires prior EC before commencement of any activity at site.



PP has submitted a copy of approved Mining Plan, letter from Mining Officer 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. 1755 dated: 16/9/15 has reported that there are 11 more mines operating or proposed within 500 meters around the said mine with total area of 23.25 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that NH7 is approx. 60 meters away from the QL area as per the Google image based on the co-ordinates provided by the PP. PP informed that this is a road linked project sanctioned for construction of this NH only. PP was also asked to enhance the budget for the tree plantation which was submitted by the PP.

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 44,100 cum/year.
- National highway is in close proximity from the ML area thus barrier wall of 03 meters height of suitable material be provided by the PP.

**14. Case No.4239/15 Shri Ashish Singh Thakur, Owner, M/s Bhasin Real Estate Pvt. Ltd., R/o 635, Nepier Town, Jabalpur (MP)-482001 Prior Environment Clearance for approval of Stone Quarry in an area of 2.00 ha. (44,100 cum/year) at rec.dt-21/12/1502 part, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (MP)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at rec.dt-21/12/1502 part, Village-Manegaon, Tehsil-Jabalpur, District-Jabalpur (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.1755 dated: 16/9/15 has reported that there are 11 more mines operating

or proposed within 500 meters around the said mine with total area of 23.25 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that NH7 is approx. 60 meters away from the QL area as per the Google image based on the co-ordinates provided by the PP. PP informed that this is a road linked project sanctioned for construction of this NH only. PP was also asked to enhance the budget for the tree plantation which was submitted by the PP.

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 44,100 cum/year.
- National highway is in close proximity from the ML area thus barrier wall of 03 meters height of suitable material be provided by the PP.

**15. Case No.4317/15 Shri Shashikant Patel, M/s Shree Ji Infraspac Pvt. Ltd. by Gangotri Enterprises Ltd., 22-A, Amaltas Phase-2, Chuna Bhatti, Kolar Road, District-Bhopal (MP)-462016 Prior Environment Clearance for approval of Stone Quarry in an area of 3.00 ha. (32,166 cum/year) at Khasra no -560Village-Bamhani Gadhiha, Tehsil-Semariya, 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 -560Village-Bamhani Gadhiha, Tehsil-Semariya, District-Rewa (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 vides letter no.1771 dated: 30/9/15 has reported that there is no more mine 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 32,166 cum/year.
- 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 TP, PP has to ensure the execution of closure plan.

**16. Case No.4344/15 Shri Shashikant Patel, M/s Shree Ji Infraspaces Pvt. Ltd. by Gangotri Enterprises Ltd., 22-A, Malas Phase-2, Chuna Bhatti, Kolar Road, District-Bhopal (MP)-462016 Prior Environment Clearance for approval of Stone Quarry in an area of 3.00 ha. (30,604 cum/year) at Khasra No.-509/1 K,, Village-Padariya, Tehsil-Semariya, 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.-509/1 K,, Village-Padariya, Tehsil-Semariya, District-Rewa (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.1770 dated: 30/9/15 has reported that there is no more mine 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 30,604 cum/year.
- 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 TP, PP has to ensure the execution of closure plan.

**17. Case No.4435/15 M/s High-Tech Rock Products & Aggregates Ltd., E-11, Muskan Duplex, Ekta Nagar, Jabalpur (MP)-482002 Prior Environment Clearance for**

**approval of Stone Quarry in an area of 1.68 ha. (62,034 cum/year) at Khasra no.-178, Village-Sanai Dongri, Tehsil-Lakhnadone, District-Seoni (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.-178, Village-Sanai Dongri, Tehsil-Lakhnadone, District-Seoni (MP) 1.68 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.1127 dated: 21/9/15 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 62,034 cum/year.
- National highway is in close proximity (approx 180 meters) from the ML area thus barrier wall of 03 meters height of suitable material be provided by the PP.

**18. Case No. 4137/15 Shri Shyamlal Jaiswal S/o Shri Lalai Jaiswal R/o Village-Jhara, Tehsil-Sarai, District-Singrauli (MP)-486886 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (41,496 cum/year) at Khasra No.-3130, Village-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.-3130, Village-Jhara, Tehsil-Sarai, 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. 1927 dated: 14/9/2015 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 6.0 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.4264/15 Shri Amit Kumar Singh R/o Village & Post Fatehgarh, Distt. Bhiwani (HR.) 127 021 Prior Environment Clearance for approval of Stone Quarry in an area of 4.0 ha. (69160 Cum/year) at Khasra No. 1382 at Village – Katheri, Tehsil – Deosar, Distt. Singrauli (M.P.)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 1382 at Village ó Katheri, Tehsil ó Deosar, Distt. 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. 2033 dated: 26/09/2015 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 14.55 ha including this mine.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable except plantation scheme. Thus PP was asked to submit revised plantation scheme with commensurate budget for plantation.

**20. Case No.4402/15 M/s. Maa Jagdambey Minerals (P) Ltd., Shri Rakesh Kumar R/o Gurumukh Adawani, Nutan Colony, Distt. Sidhi (M.P.) 486661 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (72882 Cum/Year) at Khasra No. 642, 643, 655 at Village Bharsedi, Teshil- Deosar, Distt. Singrauli (M.P.)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 642, 643, 655 at Village Bharsedi,

Teshil- Deosar, Distt. Singrauli (M.P.) 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. 2067 dated: 29/9/15 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation it was observed that DFO vide letter no. 2648 dt. 26/9/15 has mentioned two contradictory statement that ñno national park within 10 Km boundaryö and also recommended that ñSanjay Gandhi National Park is at 10 Kms distanceö.

Thus PP as asked to get the clarification from DFO regarding exact distance from the Sanjay Gandhi National Park to ascertain whether the Wild Life Clarence from NBWL is required or not.

**21. Case No. 2226/14 /Shri Nilay Jain, D-1, Machna Colony, Shivaji Nagar, Bhopal (M.P.)-462016 Prior Environment Clearance for approval of proposed Basalt Stone Quarry in an area of 1.493 ha. at Khasra No. 147/149 Ka, 212/148/1gha, 212/148/63 ka/1, 147/149/1ka, 212/148/1gha, 212/1483ka/3, 147/149/1ka, 212/148/1gha, 212/148/3ka/5 at Vill.-Panari, Th.-Budhni, District-Sehore (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. 147/149 Ka, 212/148/1gha. 212/148/63 ka/1, 147/149/1ka, 212/148/1gha, 212/1483ka/3, 147/149/1ka, 212/148/1gha, 212/148/3ka/5 at Vill.-Panari, Th.-Budhni, District-Sehore (M.P.) 1.493 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. 1249 dated: 28/4/15 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.986 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 -Aø

- Production of Stone as per mine plan with quantity not exceeding 11,260 cum/year.
- A natural drain is about 175 meters away from the site thus garland drain with settling tank of suitable capacity be provided all around the ML area.

**22. Case No.4407/15 Shri Prabhat Kumar Pathak C/o Dilip Buildcon ltd. , Bhopal, Distt- Bhopal M.P-462016 Prior Environment Clearance for approval of Stone Boulder Quarry in an area of 4.50 ha. (1,80,000 cum/year) at Khasra no.-38, Village-Samda Tola, Tehsil-Budhar, District-Shahdol(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.-38, illage-Samda Tola, Tehsil-Budhar, District-Shahdol (MP) 4.50 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 1466 dated: 11/9/2015 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 8.50 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 -Aø

- Production of **Stone** not exceeding 1,80,000 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 TP, PP has to ensure the execution of closure plan.

**23. Case No.4457/15 Shri Prabhat Kumar Pathak C/o Dilip Buildcon Ltd. , Cuna Bhatti Kolar road Bhopal, Distt- Bhopal M.P-462016 Prior Environment Clearance for approval of Stone Boulder Quarry in an area of 1.620 ha. (70000 Cum/Year) at Khasra No.- 34, at Village – Lalpura, Teshil – Sohagpur, Distt. Shahdol (M.P.)**

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.- 34, at Village ó Lalpura, Teshil ó Sohagpur, Distt. Shahdol (MP) 1.620 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. 1693 dated: 16/10/2015 has reported that there are 01 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** not exceeding 70,000 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 TP, PP has to ensure the execution of closure plan.

**24. Case No.4459/15 M/s. G.V.R. Infra Project Ltd., V.B.C. Selitaire, 9<sup>th</sup> & 10<sup>th</sup> Floor No. 47 & 49 Bazhullah Road, T. nagar Chennai – 600017 Prior Environment Clearance for approval of Stone Quarry in an area of 2.770 ha. (1,58,126.7 Cum/Year) at Khasra No.- 27, 79, 80, 81/1, 81/2, 83, 84 at Village – Amiliha, Teshil – Pali, Distt. Umaria (M.P.)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- 27, 79, 80, 81/1, 81/2, 83, 84 at Village ó Amiliha, Teshil ó Pali, Distt. Umaria (M.P.) 2.770 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. 2086 dated: 5/10/2015 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of 6.513 ha including this mine.

The case was presented by the PP and their consultant. During presentation it was observed that the QL area is close to a water body for which PP has informed that they have obtained NOC for the E.E., Irrigation and also submitted a copy of said letter during presentation.

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 1,58,126.7 cum/year as per mine plan.

**25. Case No. 4088/15 Shri Madan Lal Grover R/o Civil Lines, P.O. & District-Katni (MP)-483501 Prior Environment Clearance for approval of Limestone & Dolomite Mine in an area of 4.12 ha. (50,000 TPA) at Khasra no.-93 P, 103/2 P, 94, 95P, 99, Village-Salaiya Paharhai, Tehsil-Vijayraghgarh, District-Katni (MP)**

This is a mining project over an area of 4.12 Ha. Mining of mineral limestone is proposed in the project. The Mining lease was granted for 30 years period w.e.f. 22.07.2009 to 21.07.2039 vide State Government order No.- 3-37/2008/12/2 dated 29.06.2009. It has been extended upto 50 years period from date of 1<sup>st</sup> grant of ML under the provisions of The MM (D & R) Amendment Act 2015 upto 21.07.2059. The scheme of mining was approved by IBM on 29.09.2014. The proposed site is located at Khasra No.- 93 P, 103/2P, 94. 95 P & 99 of Village-Salaiya Paharhai, Tehsil ó Vijayraghgarh, District-Katni(MP) over an area of 4.12 ha.

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

1. Inventory of operating / proposed mines within 2 Km around the said mine.

2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Compliance of consent conditions from regional officer, M. P. Pollution Control Board, Bhopal.
6. Details of production obtained from the mines since its inception verified by the competent authority.

**26. Case No. 4089/15 Shri Madan Lal Grover R/o Civil Lines, P.O. & District-Katni (MP)-483501 Prior Environment Clearance for approval of Limestone & Dolomite Mine in an area of 8.30 ha. (50,000 TPA) at Khasra no.-312 P, Village-Kachhagawan, Tehsil-Murwara, District-Katni (MP)**

This is a mining project over an area of 8.30 Ha. Mining of mineral limestone is proposed in the project. The Mining lease was granted to M/s. Diwan Lime Co. Pvt. Ltd. for 20 years period w.e.f. 05.05.1982 to 04.05.2002. 1<sup>st</sup> renewal of Mining Lease was granted for 20 years period w.e.f. 05.05.2002 to 04.05.2022. The Mining Lease was transferred to Shri M. L. Grover vide Order No -3-20/2004/12/2 dated 24.12.2004. The date of execution is 15.01.2005 for balance period of ML i.e. upto 04.05.2022. It has been extended upto 50 years period from date of 1<sup>st</sup> grant of ML under the provisions of The MM (D & R) Amendment Act 2015 upto 04.05.2032. The scheme of mining was approved by IBM on 31.05.2012. The proposed site is located at Khasra No.- 312 P of Village-Kachhgawan, Tehsil ó Murwara, District-Katni(MP) over an area of 8.30 ha.

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

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Compliance of consent conditions from regional officer, M. P. Pollution Control Board, Bhopal.
6. Details of production obtained from the mines since its inception verified by the competent authority.

**27. Case No. 4110/15 Shri Gulendra Suryavanshi S/o Shri Pratap Suryavanshi, Village-Parasia, Tehsil-Parasia, Chhindwara (MP)-480559 Prior Environment Clearance for approval of Stone Quarry in an area of 1.00 ha. (5,700 cum/year) at Khasra No. 450 at Village-Itawa, Tehsil-Tamiya, District-Chhindwara (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. 450 at Village-Itawa, Tehsil-Tamiya, District-Chhindwara (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. 1767 dated: 10/8/2015 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 5,700 cum/year.

**28. Case No. 4111/15 M/s Vasudha Minerals & Chemicals, Pooja Residency, D.G. 4, Opposite Vishal Sabhagrah, Koradi Road, Mankapur, Nagpura (Maharashtra)-440030 Prior Environment Clearance for approval of Dolomite Mine in an area of 3.084 ha. (29,835 TPA) at Khasra no.-105, Village-Malegaon, Tehsil-Saunsar, District-Chhindwara (MP)**

This is case of Dolomite Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-105, Village-Malegaon, Tehsil-Saunsar, District-Chhindwara (MP) 3.084 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. 1894 dated: 27/8/2015 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 31.412 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.

**29. Case No. 4657/2015 M/s. Bansal Pathways (P) Ltd., Shri Amit Khare, General Manager, E-5 Tawa Complex Arera Colony, Bhopal – 16 Prior Environment Clearance for approval of Stone Quarry in an area of 0.866 ha. (45,797 cum/year) at Khasra No. 976 at Village – Bandha, Tehsil Badamalaha, Distt. Chhatarpur (M.P.)**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 976 at Village ó Bandha, Tehsil Badamalaha, Distt. Chhatarpur (M.P.) 0.866 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.1325 dated: 30/10/15 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 45,797 cum/year as per mine plan.

**30. Case No. - 3976/15 Shri Sailendra J. Worah, Director & Owner, M/s N.M. Dubash Stone & Lime Company Pvt. Ltd., Station Road, P.O.-Maihar, District-Satna (MP)-485771 Prior Environment Clearance for approval of Limestone & Dolomite**

**Mine in an area of 1.518 ha. (89,302 TPA) at khasra No.-205 Part, Vill.-Amehta, Tehsil-Vijayraghgarh, District-Katni (MP)**

This is case of Limestone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at khasra No.-205 Part, Vill.-Amehta, Tehsil-Vijayraghgarh, District-Katni (MP) 1.518 ha. The project requires prior EC before commencement of any activity at site. (TOR)

The case was initially scheduled for presentation for presentation in the 263<sup>rd</sup> SEAC meeting dated 11/01/2016 but on the request of PP, it was scheduled for 16/01/2016.

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

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Compliance of consent conditions from regional officer, M. P. Pollution Control Board, Bhopal.
6. Details of production obtained from the mines since its inception verified by the competent authority.

**31. Case No. - 3986/15 Shri Madan Lal Grover R/o Civil Lines, P.O. & District-Katni (MP)-483501 Prior Environment Clearance for approval of Limestone & Dolomite Mine in an area of 9.84 ha. (50,000 TPA) at khasra No.-79/1, 79/2, 81, 82, 83, 88, 91, 93, 95, 103, Vill.-Salaiya Paharhai, Tehsil-Vijayraghgarh, District-Katni (MP)**

This is case of Limestone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at khasra No.-79/1, 79/2, 81, 82, 83, 88, 91, 93, 95, 103, Vill.-Salaiya Paharhai, Tehsil-Vijayraghgarh, District-Katni (MP) in an area of 9.84 ha. (50,000 TPA). The project requires prior EC before commencement of any activity at site. (TOR)

The case was initially scheduled for presentation for presentation in the 267<sup>th</sup> SEAC meeting dated 15/01/2016 but on the request of PP, it was scheduled for 16/01/2016.

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

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Compliance of consent conditions from regional officer, M. P. Pollution Control Board, Bhopal.
6. Details of production obtained from the mines since its inception verified by the competent authority.

**32. Case No. – 1250/2013 Shri Aryabhata Mines & Minerals Pvt. Ltd. , Nayak House, 114, Manbhawan Nagar, Madhavrao Scindia Chouraha ( Bangali Chouraha ), Near Punjab National Bank – Indore, Distt. - – Indore (M.P.) 452016 Laterite Mine Lease Area – 4.35 Ha., at Khasra No. - 106 Part, Village – Dhangaon, Tehsil – Majholi, Distt. – Jabalpur (M.P.) Capacity – 5000 T/Year. Lease Period – 10 Year. Lease period – 30 Year.**

This is a case of mining of laterite from MLA of 4.35 hectare. The project is covered under the provisions of EIA notification and mentioned at SN 1(a) of the schedule of the said notification. Hence requires prior EC before commencement of activity. The application and relevant documents were forwarded by SEIAA to SEAC for scoping so as determine TOR to carry out EIA and prepare EMP for the project.

The case was presented by the PP and their consultant in the 123<sup>rd</sup> SEAC meeting dated 12/03/2013 wherein after deliberations committee has approved the TOR with inclusion of following points to carry out EIA study & prepare effective EMP:

- a) Village is reported to be in close proximity thus EMP should address the preventive measures for safety of the villagers and their property.
- b) Micro-level details of the surrounding area.
- c) Public Hearing shall be done.
- d) NOC from Gram Sabha for carrying the mining activity also addressing the permission for using the water from the village sources to be furnished with the report.
- e) Conceptual plan clearly showing the area existing as well as proposed under green cover.

- f) Photographs of the mining site showing latest status of the site with respect to OB management and green cover development.
- g) At least one monitoring station for Ambient Air quality monitoring each should be placed at boundary falling towards the habitation and the forest boundary.
- h) NOC from forest department stating the distances of nearest forest boundary and Notified national parks / sanctuary etc. from the boundary of MLA.
- i) Other TORs prescribed for similar projects shall also be applicable.

The case was again presented for the extension of validity of TOR by PP and their consultant. During presentation it was noticed by the committee that the case was delisted by the SEIAA as per the decision taken in the 146<sup>th</sup> SEIAA meeting dated 12/09/2013 and was again relisted as per the decision taken in the 257<sup>th</sup> SEIAA meeting dated 06/11/2015 and the application was sent to SEAC by SEIAA vide its letter no.8647 Dated 04/12/2015. Committee after deliberations decided that since the earlier case was delisted by the SEIAA thus same TOR cannot be extended. PP during deliberations requested that fresh TOR may be issued to them. Committee after presentation decided to issue fresh TOR with inclusion of additional TORs as were prescribed in the 123<sup>rd</sup> SEAC meeting dated 12/03/2013.

### **DISCUSSION ON QUERY RESPONSES RECEIVED FROM SEIAA**

33. **Case No. 1010/2012 – Smt. Somwati Bai, W/o Shri Kodulal, Village- Malakhedi, Tehsil & Distt. Hoshangabad (M.P) 461001 Lease Area –02.609Ha. Soil-Mud Quarry at Khasra No. – 530/1 at Village- Malakhedi, Tehsil & Distt. Hoshangabad (M.P) production capacity of 8,000 Cu M/Year , Mining Lease for – 02 Year.**

The project pertains to mining of Soil-Mud in an area of 2.609 hectare and production capacity to the tune of 8000 m<sup>3</sup> per year. It was reported by the PP that the sand quarry has been allotted to them for a period of 02 years.

The case was presented in the 115<sup>th</sup>. SEAC meeting dated 05/01/2013 and after deliberations on salient features of the project and the EMP suggested by the PP committee has principally agreed to recommend the case for grant of prior EC. The PP was asked to submit the information in the prescribed format-1 duly verified by DFO and Tehsildar/SDM. The case shall be forwarded to SEIAA only after receipt of the requisite information from the PP. The PP has submitted the desired information and the application was forwarded by the SEIAA for appraisal.

The case was again discussed in the 250<sup>th</sup>. SEAC meeting dated 15/12/2015 and 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 Soil as per mine plan with quantity not exceeding 8,000 cum/year.

The above case is referred back by SEIAA for clarification vides letter no. 10451 dated 13/01/2016 stating that in the minutes it is mentioned as sand quarry has been allotted to them for a period of 02 years and was placed before the committee. The committee on perusal of the records observed that the above case is recommended as for environmental clearance as soil quarry. However, due to typographical error, sand quarry is mentioned which should now be read as soil quarry.

**34. Case No. 950/2012 Shri Pramod Kumar Patel, C/o Smt. Tara Patel Baba Tal Sehora Road, Jabalpur Distt. - Jabalpur(M.P.)-457887 Pramod Patel Metal Stone Quarry with Crusher at Khasra No. – 362, 363 & 432 Village – Dadar Sihudi, Tehsil – Dheemakheda, Distt. – Katni (M.P.) Lease Area 1.20 Ha. Capacity – 5,000 Cubic Meter Per Year.**

The project pertains to mining of Stone / boulder in an area 1.20 hectare and production capacity to the tune of 5000 m<sup>3</sup>/ Year. Certified information in format has been submitted. Based on the information provided by the PP, the project pertains to category B-1 as per policy decided by SEIAA. EM-Scheme has been submitted by the PP.

The case was presented before the committee in the meeting dated 17/12/2012 whereby it was submitted by the PP that the mining is proposed in self owned land which is barren. The lease period has been planned for 2 years and crusher shall not be installed in the MLA, hence the proposed project may be considered as category B-2. PP has submitted a copy of information in prescribed format-1 and Env. Management Scheme and requested for appraisal of the project as cat. B-2. Committee has asked the PP to submit an affidavit stating the requisite lease period and the location of proposed crusher.

Project proponent has submitted an affidavit stating that the opted lease period shall be for 2 years and that crusher shall not be placed in the MLA. Based on the information provided by the PP, committee appraised project under B-2 category. Accordingly, committee recommended the case for grant of prior EC subject to the following conditions:



1. PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Transportation of material shall be done in covered vehicles.
3. Curtaining of site shall be done using appropriate media.
4. Wet drilling method shall be adopted.
5. Crusher or any other sizing device shall not be allowed in the mining lease area.
6. The pits formed after the mining shall be appropriately developed into water body which should properly fenced and safe for easy access for the local residents.
7. The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
8. The validity of the prior EC & the lease shall be for a maximum period of one year only.
9. Transportation shall not be carried out through forest area.
10. PP shall take CSR activities in the region through the Gram Panchayat.
11. The amount towards EMP shall be deposited with the Collector for further execution of the activities under EMP.

The above case is referred back by SEIAA vide letter no. 7562 dated 10/11/2015 stating that after detailed discussion and perusal of the query response of 188 SEIAA meeting dated 05/2/2013, PP had been issued EC for two years ending 14/01/2015. Now he has requested for extension of EC for 10 years on the lease renewal from 15/10/11 to 14/10/21 which was placed before the committee.

The committee after discussion decided that if the mining lease area and production remains the same and if the lease has been renewed, the EC may be extended 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.

**35. Case No. – 1186/2013 – Shri Manish Yadav, 62, LIG Colony, Dewas for Environmental Clearance for approval of 4.00 ha, Stone crushing (Gitty) at Village - Rajoda, Tehsil Dewas, Distt-Dewas (M.P).**

The above case is referred back by SEIAA vide letter no. 5200 dated 25/08/2015 stating that SEAC in consultation with MPPCB may further appraise the case in the light of interim orders issued by tribunal and another letter no. 5534 dated 11/09/2015 forwarded the PP's letter

dated 24/08/2015 to SEAC along with certified copies of the list of mines submitted by the collector, Dewas to NGT, Bhopal in reference to OA No. 140/2013 which were placed before the committee. Comments of legal officer, M. P. Pollution Control Board were also obtained wherein it is stated that for stone quarry in survey no. 841, the name of Shri Manish Yadav is not included in the list. The committee after perusal of above and response of PP (submitted vide inward letter no. 2410 dated 26.08.2015 in SEIAA) recommended that the case may be sent to SEIAA for onward necessary action.

**36. Case No. – 1210/2013 – Shri Hukum Singh Gujele, 62, LIG Colony, Dewas for Environmental Clearance for approval of 4.00 ha, Stone crushing (Gitty) at Village - Rajoda, Tehsil Dewas, Distt-Dewas (M.P).**

The above case is referred back by SEIAA vide letter no. 5206 dated 27/08/2015 stating that SEAC in consultation with MPPCB may further appraise the case in the light of interim orders issued by tribunal and another letter no. 5574 dated 14/09/2015 forwarded the PP's letter dated 24/08/2015 to SEAC along with certified copies of the list of mines submitted by the collector, Dewas to NGT, Bhopal in reference to OA No. 140/2013 which were placed before the committee. Comments of legal officer, M. P. Pollution Control Board were also obtained wherein it is stated that for stone quarry in survey no. 841, the name of Shri Hukum Singh Gujele is not included in the list. The committee after perusal of above and response of PP (submitted vide inward letter no. 2409 dated 26.08.2015 in SEIAA) recommended that the case may be sent to SEIAA for onward necessary action.

**DISCUSSION ON INSPECTION REPORTS OF SEAC MEMBERS**

The following cases of sand mining were presented in 244<sup>th</sup> SEAC meeting held on 8.12.2015.

- 1. Case No.4056/15, M/s Larsen & Toubro Ltd., Sub Lessee, M/s M.P. State Mining Corporation Ltd. Sand Quarry in an area of 11.320 ha. (90,560 cum/year) at Khasra No. - 103, Village-Sakrigarh, Tehsil-Badwara, District-Katni (MP)**
- 2. Case No.4078/15 M/s Larsen & Toubro Ltd., Sub Lessee, M/s M.P. State Mining Corporation Ltd., Sand Quarry in an area of 5.170 ha. (41,360 cum/year) at Khasra No. - 206, Village-Karuakap, Tehsil-Badwara, District-Katni (MP)**

3. **Case No.4116/15 M/s Larsen & Toubro Ltd., Sub Lessee, M/s M.P. State Mining Corporation Ltd., Sand Quarry in an area of 7.260 ha. (58,080 cum/year) at Khasra No. - 17, Village-Ganeshpura, Tehsil-Badwara, District-Katni (MP)**
4. **Case No.4117/15 M/s Larsen & Toubro Ltd., Sub Lessee, M/s M.P. State Mining Corporation Ltd., Sand Quarry in an area of 18.00 ha. (1, 44,000 cum/year) at Khasra No. - 1305, Village-Khirwa, Tehsil-Vijayraghavgarh, District-Katni (MP)**
5. **Case No.4054/15 M/s Larsen & Toubro Ltd., Sub Lessee, M/s M.P. State Mining Corporation Ltd., Sand Quarry in an area of 18.00 ha. (1,44,000 cum/year) at Khasra No.- 718, 828, Village-Khajura, Tehsil-Vijayraghavgarh, District-Katni (MP)**

During presentation, committee took the cognizance of a complaint related to these projects, received through email by the members, wherein some issues of environmental sensitivity are mentioned and thus committee decided to carryout site visit to verify the issues raised in the complaint.

Accordingly a two members sub committee comprising of Dr Manoj Pradhan and Dr. Srinivasan Krishnan Iyer visited the site on 20.12.2015. The subcommittee was accompanied by Mr Sudhakaran of MPPCB. The representative of PP Mr Nagraju showed the sites.

1. **Case No.4056/15 (Sakrigarh), Case No.4078/15 (Karuakap, and Case No.4116/15 (Ganeshpura)**

Sakrigarh, Karuakap and Ganeshpura sand mines are located in Choti Mahanadi river bed. Sakrigarh and Karuakap come under Sakrigarh gram panchyat and Ganeshpura comes under adjoining Ganeshpura Gram panchyat. The river Mahandai flows in south north direction in this area. Village Sakrigarh and Ganeshpura are located on western bank of the river and village Karuakap on the eastern bank. All these village are located within about 500 m of river. Theses mines can be reached by Basadi Chowk ( a crossing on Katni Barahi road)- Sakrigarh road. A bridge is constructed on this road over Mahanadi river near village Karuakap to reach village Sakriagarh and Ganeshpur. If the evacuation of sand from Sakrigarh sand mine and Ganeshpur sand mine is done from eastern bank of the river, the evacuation will take place through this bridge and the road connecting this bridge to Sakrigarh mine and Ganeshpur mine passes through the Village

Sakrigarh and Ganeshpur respectively. Similarly, the road connecting Karukap sand mine to Basadi Chowk- Sakarigarh road passes through the village Karukap. Ganeshpur sand mine and Sakrigarh sand mine can also be approached from eastern bank of the river without crossing Ganeshpur village and Sakrigarh village.

The committee members received the following complaints in respect of Sakrigarh sand mine ( Case No.4056/15), Karuakap sand mine (Case No.4078/15 ) and Ganeshpur sand mine (Case No.4116/15) and through email.

1. A complaint from Mr Vinod Rajak, MLA Representative, Badwara
2. A complaint from Villagers of village Sakrigarh, Ganeshpur, Karukap and Sandhi (Mr Deva Das Soni and others)
3. A complaint from Sarpanch Gram panchyat Sakrigarh

The major issues related to environment raised in these complaints are:

1. Risk of flooding of village through the ramp constructed for mining of sand
2. Risk to life of the school children due to movement of heavy duty trucks (Hywa)
3. Risk of road damage due to movement of heavy duty trucks (Hywa)
4. *Risk to health of villagers due to fugitive dust emission from the movement of heavy vehicles*
5. Risk of flooding of villages by back water of Bansagar Dam during rainy season.

During site visit the committee inspected these sand mines and also met Sarpanch and Sachiv of Sakrigarh gram panchayat. Committee also talked to some villagers and panchs of Gram panchyat Sakrigarh .

The villagers informed the members of the subcommittee that sand mining in this area is being done since last so many years. The mine operators do not provide employment to the villagers and deploy pocklain (excavators) for loading of sand. Due to excessive mining of sand in the area ground water table is lowering. The mine operators do not take any measures for protection of road and suppression of dust.

**The views of the subcommittee on the above issues:**

1. Ramp constructed for mining of sand may not cause flooding of villages from Mahanadi river water during rainy season. The villages are located at higher elevation than the river and ramp is constructed to go down to river bed. The mines have been

operating around this location from many years and no such incident took place in the past as reported by the villagers.

2. Issues mentioned at point no 2, 3 and 4 are related with the evacuation of sand. Village Sakrigarh is located on the bank of the Mahanadi River; other villages Karuakap and Ganeshpur are also located very close to the bank of Mahanadi river. In village Sakrigarh, within 100 m of river bank a government run middle school, a public utility (market) of daily importance, temples and Panchayat office exist. The road that passes through these villages is very narrow and is not designed for movement of heavy vehicles. The committee agrees with all the concern raised by the complainer mentioned at point number 2, 3 and 4 above. If sand transportation is done through the road which passes through the villages, there will be risk of life as well as health of villagers due to fugitive dust emission caused by vehicular movement. Also excessive movement of vehicles may become a potential source of noise pollution. These roads which are not designed for carrying such traffic of heavy vehicles may also get damaged.
3. Bansagar dam is located far away on the downstream side of these projects. Looking towards the remoteness of these projects from the Bansagar dam, the subcommittee does not find any possibility for the back water of Bansagar dam to enter into the villages during rainy season. No such incident took place in the past as reported by the villagers.

Recommendations:

1. Evacuation of sand should not be allowed through the roads passing through the villages
2. Heavy vehicles ( Hywa) should not be allowed on Kachcha, narrow roads
3. If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
4. The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
5. No diversion of active channel should be allowed for mining.

**2. Case No.4117/15 ( Khirwa sand mine)**

Khirwa sand mine is located in the river bed of Choti Mahanadi river at Khasra No. - 1305, Village-Khirwa, Tehsil-Vijayraghavgarh, District-Katni (MP) in an area of 18.0 ha

No complaint has been received by the committee members about this project.

Since the width of the river was less and lease area of the mine was more, the mine was stretched over a long distance and it was not possible for the subcommittee members to see the entire lease area. The route through which the mine was shown to the subcommittee members also passes through village Khirwa. Also an active water channel was flowing through the lease area.

#### Recommendations:

1. Evacuation of sand should not be allowed through the roads passing through the villages
2. Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads
3. If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
4. The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
5. No diversion of active channel should be allowed for mining.

### **3. Case No.4054/15 (Khajura sand mine)**

Khajura sand mine is located in the river bed of Choti Mahanadi at Khasra no 718 1nd 828 Village-Khajura, Tehsil-Vijayraghavgarh, District-Katni (MP) in an area of 18.0 ha.

No complaint has been received by the committee members about this project.

This mine was also stretched over a long distance and it was not possible for the subcommittee members to see the entire lease area. The route through which the mine was shown to the subcommittee members by the PP representative was not motor able. The committee members have to walk about 1.0 km through agriculture fields to reach the mine. The entire river area which was visible from that place was submerged in the water.

Recommendations:

1. Since the mine is located close to the Bansagar dam, the entire mine might be submerged in the backwater of the dam. The subcommittee therefore recommends verifying the fact from google earth.
2. Evacuation of sand should not be allowed through the roads passing through the villages
3. Heavy vehicles ( Hywa) should not be allowed on Kachcha, narrow roads
4. If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
5. The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
6. No diversion of active channel should be allowed for mining.

The above site inspection report was discussed in the meeting wherein the authorized representatives of PP were present and the case wise details are as follows:-

**(a) Case No.4056/15 Shri T. Ravi Patnayak, Project Manager, M/s Larsen & Toubro Ltd., Sub Lessee, M/s M.P. State Mining Corporation Ltd., TC III Tower B, 7th Floor, B-Wing, Post Box 979, Manpakkam, Chennai, Tamilnadu-600001 Prior Environment Clearance for approval of Sand Quarry in an area of 11.320 ha. (90,560 cum/year) at Khasra No. - 103, Village-Sakrigarh, Tehsil-Badwara, District-Katni (MP)**

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. - 103, Village-Sakrigarh, Tehsil-Badwara, District-Katni (MP) 11.320 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 vides letter no.-4040 dated: 26/09/15 and has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The committee after going through the recommendations of inspection report asked PP to submit following information:-

1. 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.
2. Mine plan submitted with the application does not mention anything about the existence of villages within 500 meters of site but the same was observed by the committee. Thus PP was asked to submit above lacking details of mine plan duly approved by the competent authority.
3. An alternate evacuation route has been proposed by the committee. PP was asked to submit alternate evacuation route as suggested by the committee.

**(b) Case No.4078/15 Shri T. Ravi Patnayak, Project Manager, M/s Larsen & Toubro Ltd., Sub Lessee, M/s M.P. State Mining Corporation Ltd., TC III Tower B, 7th Floor, B-Wing, Post Box 979, Manpakkam, Chennai, Tamilnadu-600001 Prior Environment Clearance for approval of Sand Quarry in an area of 5.170 ha. (41,360 cum/year) at Khasra No. - 206, Village-Karuakap, Tehsil-Badwara, District-Katni (MP)**

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. - 206, Village-Karuakap, Tehsil-Badwara, District-Katni (MP) 5.170 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 vides letter no.-4040 dated: 26/09/15 and has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The committee after going through the recommendations of inspection report asked PP to submit following information:-

1. 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.
2. Mine plan submitted with the application does not mention anything about the existence of villages within 500 meters of site but the same was observed by the



committee. Thus PP was asked to submit above lacking details of mine plan duly approved by the competent authority.

3. An alternate evacuation route has been proposed by the committee. PP was asked to submit alternate evacuation route as suggested by the committee.

**(c) Case No.4116/15 Shri T. Ravi Patnayak, Project Manager, M/s Larsen & Toubro Ltd., Sub Lessee, M/s M.P. State Mining Corporation Ltd., TC III Tower B, 7th Floor, B-Wing, Post Box 979, Manpakkam, Chennai, Tamilnadu-600001 Prior Environment Clearance for approval of Sand Quarry in an area of 7.260 ha. (58,080 cum/year) at Khasra No. - 17, Village-Ganeshpura, Tehsil-Badwara, District-Katni (MP)**

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. - 17, Village-Ganeshpura, Tehsil-Badwara, District-Katni (MP) 7.260 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 vides letter no.-4040 dated: 26/09/15 and has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The committee after going through the recommendations of inspection report asked PP to submit following information:-

1. 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.
2. Mine plan submitted with the application does not mention anything about the existence of villages within 500 meters of site but the same was observed by the committee. Thus PP was asked to submit above lacking details of mine plan duly approved by the competent authority.
3. An alternate evacuation route has been proposed by the committee. PP was asked to submit alternate evacuation route as suggested by the committee.

**(d) Case No.4117/15 Shri T. Ravi Patnayak, Project Manager, M/s Larsen & Toubro Ltd., Sub Lessee, M/s M.P. State Mining Corporation Ltd., TC III Tower B, 7th Floor, B-Wing, Post Box 979, Manpakkam, Chennai, Tamilnadu-600001 Prior**

**Environment Clearance for approval of Sand Quarry in an area of 18.00 ha. (1, 44,000 cum/year) at Khasra No. - 1305, Village-Khirwa, Tehsil-Vijayraghavgarh, District-Katni (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. - 1305, Village-Khirwa, Tehsil-Vijayraghavgarh, District-Katni (MP)18.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format in the form of combined NOC vides letter no.-4040 dated: 26/09/15 and has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The committee after going through the recommendations of inspection report asked PP to submit following information:-

1. 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.
2. An alternate evacuation route has been proposed by the committee. PP was asked to submit alternate evacuation route as suggested by the committee.

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

This is case of **Sand Mining**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- 718, 828, Village-Khajura, Tehsil-Vijayraghavgarh, District-Katni (MP)18.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format in the form of combined NOC vides letter no.-4040 dated: 26/09/15 and has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

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

**(A.A. MISHRA)**  
**SECRETARY**

**(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 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.