

The meeting was called upon exclusively for considering the applications of mining projects having mining lease area less than 5 hectare.

The meeting conducted on 5<sup>th</sup> November 2012 was presided over by Shri S.C. Jain. Following members attended the meeting-

1. Shri K.P. Nyati, Member
2. Shri A.P. Srivastava Member
3. Prof. V. Subramanian, Member
4. Shri V.R. Khare, Member and
5. Shri R.K. Jain, Member Secretary

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

A. **Confirmation of minutes of 106<sup>th</sup> & 107<sup>th</sup> meetings of SEAC-** Minutes of the 106<sup>th</sup> and 107<sup>th</sup> meeting were confirmed by the committee.

B. **Field visit:** Committee has decided to visit the site of Case No. 819/2012 - Khaitan Chemicals & Fertilizers Limited A.B. Road, Nimrani, Khargone – Madhya Pradesh – [ Project on - Expansion of 4.0 lacs TPA (2 x 600 TPD) Single Super Phosphate & 6.60 Lacs TPA (5 x 400TPD) Granulated Single Super Phosphate plants at Nimrani, District Kargone, Madhya Pradesh] through its sub-committee in view of the proposed capacity enhancement. Additional TOR if any shall be issued to the PP based on the report of the sub-committee.

**Consideration of the Projects** – Following projects were taken up for deliberations one by one:

- 1. Case No. 850/2012** Shri Sunil Ahuja S/o Shri Narayandas Ahuja R/o Galla Mandi Road, Sehore (M.P.) – 466001 Stone/ Boulder Quarry at Khasra No. - 181/5, Village- Siradi, Tehsil – Ichhawar, Distt. – Sehore (M.P.) **Lease Area – 0.667 ha.** Capacity – 1000 Cu. M. Per Annum.

**Env. Consultant: PEC, Nagpur.**

PP presented the salient features of the project. It was observed that crusher is proposed in the lease area, hence the project falls under category B-1 as per the policy decided by the SEIAA and hence PP shall be required to carry out EIA and Public Consultation as per the provisions of EIA notification. PP has submitted a request during the meeting stating that the project may be kept on hold as SEIAA is expected to review the policy. Committee has agreed to keep the project on hold. It was also observed that the complete information in the annexure 1 and 2 as prescribed by the SEIAA has not been submitted by the PP. Thus, Committee asked the PP to submit the desired information duly validated by the concerned authorities along with the EMS in the prescribed format to SEIAA with a copy to SEAC.

- 2. Case No. 852/2012** Smt. Roli Gupta W/o Shri Pankaj Gupta, Ganga Ashram, Sehore, Distt. – Sehore (M.P.) – 466001 - **ToR**Stone/ Boulder Quarry at Khasra No. - 1013, Village- Sehore, Tehsil – Sehore, Distt. – Sehore (M.P.) **Lease Area – 02.00 ha.** Capacity – 5000 Cu. M. Per Annum.

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare )  
Member SEAC

**Env. Consultant: PEC, Nagpur.**

PP presented the salient features of the project. It was observed that crusher is proposed in the lease area, hence the project falls under category B-1 as per the policy decided by the SEIAA and hence PP shall be required to carry out EIA and Public Consultation as per the provisions of EIA notification. PP has submitted a request during the meeting stating that the project may be kept on hold as SEIAA is expected to review the policy. Committee has agreed to keep the project on hold. It was also observed that the complete information in the annexure 1 and 2 as prescribed by the SEIAA has not been submitted by the PP. Thus, Committee asked the PP to submit the desired information duly validated by the concerned authorities along with the EMS in the prescribed format to SEIAA with a copy to SEAC.

- 3. Case No. 853/2012** Shri Ranjan Grover R/o Civil Line, Katni, Distt. – Katni (M.P.) – 483501 - Stone Mine at Khasra No. – 92/1,93 Village - Badagaon, Tehsil – Barahi, Distt. – Katni (M.P.) **Lease Area – 2.590 ha.** Capacity – 75,000 Cu. M. Per Year.

**Env. Consultant: Creative ES, Bhopal.**

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence PP shall carry out the EIA study as per the issued TOR and shall submit the draft EIA to the concerned authority for Public Consultation. The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues.

- 4. Case No. 854/2012** Shri Ganshyam Mishra, 296, Shivnagar, Damoh Road, Damoh Road, Damoh Naka, District – Jabalpur (M.P.) – 482002 -Stone Mine at Khasra No. – 83/1 Village - Manegaon, Tehsil – Jabalpur, Distt. – Jabalpur (M.P.) **Lease Area – 0.820 ha.** Capacity – 8,000 Cu. M. Per Year.

**Env. Consultant: Creative ES, Bhopal.**

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence PP shall carry out the EIA study as per the issued TOR and shall submit the draft EIA to the concerned authority for Public Consultation. The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues.

- This mine is adjoining with the two other proposed mines (Case No. 866/2012 and 867/2012) hence cumulative EIA and impacts to be studied with separate reports and EMP

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare)  
Member SEAC

to be submitted for all the three mines. Hydro-geological studies to be taken up in the region.

- As the three mines belong to the same owner and located in the same village, all the three Public Hearings can be allowed simultaneously on the same day for the three projects (Case No. 854/2012, 866/2012 and 867/2012). In each of the PH, issues of other two projects will also be discussed.

**5. Case No. 855/2012** Shri Pankaj Singh , M/s Tathagat Stone Pvt. Ltd. , Village – Sumeda, P.O. – Bihra, Distt. - Rewa (M.P.) – **486450 - ToR**Stone/ Boulder Quarry of M/s Tathagat Stone Pvt. Ltd. at Khasra No. – 375, 377, 378, 168, 167, 162, 163, 164, 165, 101, 102, 105, 106/1 at Village - Sumeda, Tehsil – Huzoor, Distt. – Rewa (M.P.) Lease Area – 4.991 ha. Capacity – 4,00,000 Cu. M. Per Year.

**Env. Consultant:** PEC, Nagpur.

PP presented the salient features of the project. It was observed that crusher is proposed in the lease area, hence the project falls under category B-1 as per the policy decided by the SEIAA and hence PP shall be required to carry out EIA and Public Consultation as per the provisions of EIA notification. PP has submitted a request during the meeting stating that the project may be kept on hold as SEIAA is expected to review the policy. Committee has agreed to keep the project on hold. It was also observed that the complete information in the annexure 1 and 2 as prescribed by the SEIAA has not been submitted by the PP. Thus, Committee asked the PP to submit the desired information duly validated by the concerned authorities along with the EMS in the prescribed format to SEIAA with a copy to SEAC.

**6. Case No. 654/2012** M/s Omni Infrastructure Private Limited, Indore, 105/106, Provogue House, Off. New Link Road, Andheri (W) Mumbai – (M.S.) **400 053** 'Prozone Indore' Proposed Residential Project at Khasra no. 354/2/2, 394/1/1, 394/1/2, 394/2, 395, 396/1, 396/2/1, 396/2/2, 396/2/3, 396/2/4, 401/1/1, 401/1/2, 402/2/2/1, 402/2/2/2, Village – Khajrana Tehsil & Distt.- Indore (M.P.) **Plot Area – 1,38,380 sq.m., Proposed construction area of phase-I: 52,230.39 sq.m., Proposed Built up area of phase –II: 31,839.80 sq.m. For - Building Construction**

**Env. Consultant:** CES, Bhopal.

Written request from PP was submitted for postponement of the hearing for the meeting scheduled for tomorrow i.e. 6<sup>th</sup> November 2012. Committee has agreed for the same, subject to availability of time.

**7. Case No. 638/2012** M/s IPCA Laboratories Ltd., Plot No. 1, Pharma Zone, SEZ Phase – II, Pithampur, Distt. – Dhar (M.P.) – **454775** Production of Synthetic Drugs (APIs) in the existing plant premises at 1, Pharma Zone, SEZ Phase II, Pithampur, Distt. - Dhar - M.P.[ Existing Capacity Tablets(60 crores/annum) Existing area – 19.84 ha. (No additional land is required for the proposed production project of Synthetic drug(APIs)

**Env. Consultant:** J.M. Environet Pvt. Ltd. Gurgaon ( Haryana).

ToR issued vide letter no 366 dt.19/12/11.

Written request from PP was submitted for postponement of the hearing for the next meeting.

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare )  
Member SEAC

Committee has agreed to give a chance to the PP for presentation in the next meeting as per turn.

- 8. Case No. 458/2009** M/s Budwa Minerals Prop. Shri Kuwrendra Singh R/o Village- Budwa, P.O.- Budwa, Tehsil - Beohari, Distt. - Shahdol (M.P.) Sathni Ochre, White Clay & Laterite Mine of M/s Budwa Minerals, Village- Sathni, Tehsil-Beohari, Distt.- Shahdol (M.P.) Area - 46.847 Ha, Capa. - 1700 TPA **EIA Presentation**

[Environment Consultant M/s Creative Enviro Services, SR-4, Shri Ram Kunj, E-8, Bharat Nagar, Arera Colony, Bhopal]

ToR issued vide letter no. 991 dt. 09/11/09

**Back Ground of Project**

Objective	To be Obtain Environmental Clearance For Opencast Ochre, White Clay & Laterite mine (46.847 ha)
Production Capacity	1700 MT per Annum
Jurisdiction of Mine	Private Land & Govt. Waste Land
Lease period	4.11.2008 to 03.11.2028
Public Hearing	25.02.2011
Location of Mine	Village- Sathni, Tehsil- Beohari, Dist.- Shahdol (MP)
Lessees	M/s Budhwa Minerals, Budhwa, Dist. Shahdol (MP)
Altitude	336-318AMSL

**Environmental setting of project:**

Geological Location	24°12'38" to 24°12'51"N and 81°27'22" to 81°28'06"E
Nearest City	Beohari - 29 km
Nearest Railway Station	Beohari - 29 km
Nearest Airport	Khajuraho - 280km
Nearest Highway	None within 10km Radius
Nearest Village	Dhari small tola – 600m - S & Sathni (Main)- 1.25 km - N
Hills/Valley	None within 10km radius
Ecological Sensitive Zone	None with in 10km radius
Reserve Forest	Gara RF- 3.0 km– S, Deori RF- 7.5km – S & Magordhaha RF- 0.5km- S
River/nalla	Son River - 9.0km- W, Banas River - 1.5km- E, Busi Nadi - 4.5km- W Mahan Nadi- 5.0km - NE, Local Pond- 1.0km- S & Local Pond-5.5km-

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare )  
Member SEAC

	SW
--	----

**Micro level feature with in 2 km radius**

Particular	Detail
Janakpur	Distance - 1.8km, Direction – N, House Hold – 192, Population- 1055 no, Educational facility- No, Medical facility- No, Drinking water facility- Yes
Magardha	Distance -1.5km, Direction – S, House Hold – 274, Population- 1347 no, Educational facility- Yes, Medical facility- No, Drinking water facility- Yes
Satni no. 1	Distance -1.25km, Direction – N, House Hold – 254, Population- 1270 no, Educational facility- Yes, Medical facility- No, Drinking water facility- Yes
Dhari no. 1	Distance -1.75km, Direction – NE, House Hold – 472, Population- 2361 no, Educational facility- Yes, Medical facility- No, Drinking water facility- Yes
Surface water	Banas River - 1.5km - E Local Pond - 1.0km - S
Mines	02 (adjoining –North and East direction)

**Finding of public hearing** – Public hearing proceedings were discussed in detail. Public opinion was observed to be in favour of the project in general. General demand was for employment to local residents, environment and safety. PP has committed to most of the public demands.

**Salient features of the project**

Nature of Mining	Open Cast manual mine
Mineable area	46.847Ha
Mineable Reserve	691843MT
Proposed Production capacity	1700TPA
Life of Mine	406 year
Present Depth of Mining	5m
Ultimate depth of Mining	Upto 326mRL
Ground Water Table	5m bgl (313mRL)- Post Monsoon 10m bgl (308mRL) - Pre-Monsoon

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare )  
Member SEAC

Use of mineral	Used in Cement, Paint & Refractory Industry
Altitude	336-318 mRL

**Conceptual Plan**

Items	Existing	At the end of lease period
Total lease area	46.847 ha	--
Total Mineable area	46.847 ha	--
Ultimate depth of mining	5m	Upto 326mRL
Ultimate pit slope	45 degree	45 degree
Area under dumps	0.465 ha	1.12 ha
Area under pits	3.64 ha	6.44 ha
Area to be reclaimed	Nil	Nil
Infrastructure & Road	0.44 ha	0.5 ha
Mineral storage	Nil	Nil
Plantation	0.15 ha	16.0 ha
Water reservoir	0.5 ha	2.5 ha

**Method of mining-** Opencast Mining Method has been adapted / proposed

- Presently excavated area is 3.64ha.
- There are seven quarries in the ML area. The present depth of excavated pit is varies from 0.50m to 5m.
- Proposed mining will be carried out by opencast manual mining method, with using hand tools such as spades, hammer, crowbar, chisel etc.
- The laterite, ochre & white clay is soft in nature hence explosive will not be used.
- Proposed mining of ochre and white clay will be carried out in the area of block-B and mining of laterite will be carried out in the area of block-A.
- The stripping ratio is 1:0.09, 1:0.064 & 1.0.05 for white clay, Ochre & Laterite respectively.
- During the lease period about 6.44ha area will be excavated upto 326 mRL whereas surface mRL is 318m.

**Proposed air pollution control measures proposed in the project:**

Following air pollution control measures will be taken to minimize negative impact due to mining activity.

- Water sprinkling on haul road & village road shall be done at frequent intervals during the playing of dumpers, to reduce dust generation.
- Plantation along the mining lease boundary and haul roads shall be carried out to reduce the spread of dust.
- All over burden dumps shall be stabilized with legumes and grass to prevent the erosion of soil and arrest the dust emission during windy days.
- Mineral carrying trucks will be effectively covered by tarpaulin to avoid escape of fines to the atmosphere.
- No drilling and blasting will be proposed.

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare )  
Member SEAC

- Considering the direction of nearest habitation (south direction) dump shall be located on northern and western side of lease area
- Double layer green belt is suggested on barrier zone at southern and eastern direction

**Proposed water pollution control measures**

- To reduce suspended solids, coming to mine pits, garland drains shall be provided at around the pit and around the dumps also. All garland drain of block A will be connected to Settling tank A and Garland drain of Block B will be connected to Settling tank B and water of settling tank will be used for dust suppression and agricultural purpose
- Settling tanks-A (30m x 20 x 2.5m) for block-A and settling tank-B (40m x 20 x 2.5m) for block B are proposed in western and north east part of the area respectively.
- During lease period 2.5 ha area will be converted as a water reservoir
- Bunds will be provided to remove the suspended solids.
- Drains will be cleaned properly to prevent the siltation.
- The accumulated water will be provided to farmers of the villages also apart from using mining process.
- Stone pitching and bund will be made to control the soil erosion.
- One local pond is observed in southern direction at a distance of 1km and River Banas is flowing in eastern direction at 1.5km, hence no dumping is suggested in south and eastern direction.
- Garland drain all around the pits in block A & B is also recommended to prevent the silt flow to water body of the area.

**Solid Waste Management**

1. During the prospecting period about 2000cum lateritic soil and murrum waste has been generated and same has been stacked as dump.
2. Presently 0.465ha area has been covered under dumps.
3. The nature of soil is lateritic and the OB & mine waste generated in the form of murrum.
4. During the proposed mining of laterite, about 1486m<sup>3</sup> mine waste in the form of murrum will be generated and during the proposed mining of ochre about 1981m<sup>3</sup> mine waste is likely to be generated. Thus during the proposed mining total 3467m<sup>3</sup> mine waste will be generated.
5. Mine waste will be used for maintenance of mine road and approach road.
6. During the 6<sup>th</sup> year to lease period about 7000m<sup>3</sup> lateritic soil and 23195m<sup>3</sup> mine waste will be generated and same will be dumped in northern part of the area at barrier zone of the lease area.
7. During the lease period about 1.12ha area will be covered under dumps. Those dumps will be stabilized with legume and grasses.
8. Reclamation and rehabilitation is not proposed during lease period.

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare )  
Member SEAC

9. About 2.5ha area will be converted into a water reservoir after land-scaping and providing suitable protective measures. It will be sloped with about 55 degree angles and protected by proper flooring, lining and by fencing. It can be used as a source of water and for pisci-culture.

**Proposed budget towards the Socio Economic activity including the commitments made during the Public Hearing:**

S N	Activity	Amount in Rs
1.	Medical Checkup for villagers	Rs. 50,000/- per year by each owner
2.	Drinking water Facility through hand pump in Sathni, Dhari, Janakpur, Magardaha and Chauri	Rs. 25000/- for each village
3.	infrastructure facilities to schools at Sathni and Dhari in terms of books, chairs, computers, scholarships etc	Rs. 50,000 for each school every year
4.	Fund Allocation for activities as proposed by Gram Panchayat	Rs. 1,00,000/- per year by each owner

After deliberations committee has asked the PP for submission of information with supporting documents for the following queries:

1. PP has committed to construct a boundary-wall around the lease area in the public hearing details of the same with budgetary provisions to be provided for the same.
2. Affidavit with commitment for accomplishment of activities pertaining to Public Hearing to be submitted.
3. Scheme regarding development of 2.5ha area into a water reservoir, land-scaping and the suitable protective measures to be provided with commitment for its implementation at the end of mine life.
4. Murrum is reported to generate from the mining as waste, PP is required to furnish appropriate disposal plan for the same.
5. Garland drain around the pits in block A & B is proposed, schematic plan showing the ultimate connectivity of the garland drains with the storage pits to be furnished.

**9. Case No. 627/2011 Sh. Kishore Kumar M/s Shree Kamal Lime Industries, Station Road-Katni, Distt. -Katni (M.P.) 483-501 Darshani Iron Ore, Manganese ore, Laterite & Ochre Mine, at Village - Darshani Part of 380, Part of 388, Tehsil- Majholi, Distt.- Jabalpur (M.P.) Lease Area- 5.70 Ha. Capa.- 26768 TPA. For – EIA Presentation**

**Env. Consultant: M/s Creative Enviro Services, Bhopal (M.P.)**

ToR issued vide letter no 358 dt. 19/12/11

The case pertains to mining of Iron Ore, Manganese ore, Laterite & Ochre Mine, at Village - Darshani Part of 380, Part of 388, Tehsil- Majholi, Distt.- Jabalpur (M.P.) in mining lease Area of 5.70 Ha. and with production capacity of 26768 TPA. The EIA report was forwarded

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare )  
Member SEAC

by the SEIAA for appraisal to SEAC. PP and his consultant presented the case before the committee which reveals following:

**Environmental setting of project**

Particulars	Details
Toposheet No.	64A/2, 64A/3, 55M/14 & 55M/15
Latitude	23°30'35.4" to 23°30'45" N
Longitude	80°03'57.4" to 80°04'9.8"E
General ground level	380 AMSL
Elevation range	Highest-440 m RL, Lowest- 380m RL
Nearest National Highway	NH-7 - E – 4.5km
Nearest Railway Station	Sihora Road - SE – 7.0km
Nearest Airport	Jabalpur - 45 km
Nearest Tourist Place within 10km radius	None
Archaeological Important Place within 10km radius	None
Ecological Sensitive Areas (Wild Life Sanctuaries) within 10km radius	None
Reserved / Protected Forest within 10km radius	Harragarh RF -ESE - 8.0km
Surrounding village within 1 km area of the project.	Darshani Tola – NW - 0.250km
Nearest River	Heren River – SE - 7.75km Kanari Nadi - SSE - 1.5 km Suhar Nadi – SW - 8.75km
Nearest Lake/ Ponds	Bada Pond -N - 0.2km Local Pond – SW – 0.1 km Bah Nalla - SSE - 3.0km Darshani Pond - S - 0.8km
Nearest Hill Ranges	None within 10km radius
Source of Water for mine	Mine pit

**Salient features of the project**

Particulars	Details
Type of Mine	Open Cast /Other than Fully Mechanised
Mining Lease Area	5.70 ha
Mineable Area	4.58ha
Existing Pits & Quarries	0.3233 ha
Existing Dumps	0.1841 ha
Infrastructure and road	0.01 ha
Mineral Storage	Nil
Recoverable Reserve	545369 tonne

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare )  
Member SEAC

Ultimate Depth of Mining	Up to 382m AMSL
Ultimate Pit Slope	45°
Expected Life of Mines	22 years
Area to be covered under dumps at the end of lease period	0.7 ha
Area to be covered under pit at the end of lease period	3.626ha
Area to be reclaimed at the end of lease period	0.1350 ha
Area to be converted as water reservoir	1.50 ha
Plantation end of lease period	1.8350 ha
Average mRL	440-380AMSL
Ground water table	
Monsoon period	10m bgl (370m AMSL)
Dry month	20m bgl (360m AMSL)

#### Conceptual plan

Items	Existing	At the end of lease period
Ultimate depth of mine	2.5m to 16m (from top )	Upto 382m AMSL
Ultimate pit slope	Nil	45°
Area under dumps	0.1841ha	0.7ha
Area under pits	0.3233 ha	3.626ha
Area to be reclaimed	Nil	0.1350 ha
Infrastructure & Road	0.01 ha	0.01 ha
Mineral storage	Nil	Nil
Plantation	0.2ha	1.8350ha
Water reservoir	0.2 ha	1.5 ha

#### Method of mining

Mining Method	Opencast method of mining (other than fully mechanized mines) has been proposed. All operations of mining will be carried out by deployment of excavator machineries for excavation, loading & transportation on single shift basis. During the first five year, Development cum production will be developed from 440m to 405m. The individual bench faces will kept nearly vertical (80°-85°) while the pit slope will be less than 45°.
Blasting detail (if required )	Diameter of the drilled Hole : 34mm Burden : 1.0m Spacing : 1.20m Depth of holes : 1.5 m Powder factor : 8 Initiation system (Down the holes charging): By NONEL

**(S.C. Jain)**  
Chairman

**(K.P. Nyati)**  
Member SEAC

**(V. Subramanian)**  
Member SEAC

**(A.P. Srivastava)**  
Member SEAC

**(V.R. Khare )**  
Member SEAC

Water Consumption (Avg.)	Domestic use – 02kld Green belt development – 03kld Dust suppression – 04kld
Water reservoir capacity	Existing water reservoir - 0.2ha * 4m = 8000kl Proposed water reservoir – 1.5ha * 12m = 180000kl

**Public Hearing Issues:** The proceedings of the public hearing were discussed in the meeting and no adverse comments were observed in the PH.

#### **Air Pollution Control Measures**

Following air pollution control measures will be taken to minimize negative impact due to mining activity.

- Water sprinkling on haul road will be carried out at frequent intervals during the playing of dumpers.
- Plantation along the mining lease boundary and haul roads will be carried out to reduce the spread of dust.
  - Existing over burden dumps will be re-handled and stabilized with legumes and grass to prevent the erosion of soil and arrest the dust emission during windy days.
  - Water will be sprayed over the muck pile to reduced the dust generation;
  - Dust mask will be provided to all workers working in Mine Premises.
  - Regular maintenance of vehicles has been carried out in order to control emissions;
  - During the vehicular movement (from lease area to PWD road, which is 100m away from lease boundary & opposite of village- Darshani Tola) water spraying will be carried out regularly by tanker fitted tractor.

#### **Water Pollution Control Measures**

- Garland drain will be constructed all around the dump and foot of hillock towards pond which will be about 300m, 340m and 1200m long and 0.25 deep respectively
- Dumping of waste is proposed in south east direction it is near to surface water body.
- During lease period 1.50 ha area will be converted as a water reservoir.
- Silt trapping system will be provided for the garland drains. Maintenance and cleaning of drains will be taken care at regular interval.
- Quality of water of settling tank will be checked at pre-monsoon and post- monsoon.

#### **Solid Waste Management**

- Presently 3827m<sup>3</sup> mine wastes has been reported in lease area, which is reported to be cover about 0.1841hect area.
- All existing dumps have the 10% mineralization and rest 90% is weathered ferruginous formation which will be re-handled during the leased period.
- The waste produced during mining operations consists of intercalated weathered ferruginous formation.
- During the first five year and 6<sup>th</sup> year to mine life, about 11430m<sup>3</sup> & 31332 m<sup>3</sup> overburden is expected.
- About 3330 m<sup>3</sup> overburden will be used for backfilling purpose during first two year working. About 3444m<sup>3</sup> mine waste will be re-handled from old dump during the first five year working.

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare )  
Member SEAC

- The waste will be dumped towards south eastern side of the lease area.
- During the lease period about 0.7ha area will be covered under dumps.
- During the lease period, 300m & 340m long garland drain will be constructed around the MW1 dump and CW1 dumps respectively
- Backfilling will be carried out on simultaneously in the lease area from 1<sup>st</sup> year onwards.
- During the first two year period, about 0.0910ha excavated area will be backfilled using 3330m<sup>3</sup> overburden. About 1.5ha area will be reclaimed by developing water structure

After deliberations committee concluded that the EIA report, the EMP and the mitigations proposed by the PP are acceptable hence the case may be recommended for grant of prior EC subject to the following special conditions:

1. Control blasting shall be carried out using appropriate standard techniques.
2. A barrier of green belt at mine boundaries will be made.
3. All CSR activities as proposed shall be taken up including distribution of Solar Cookers to the deprived nearby residents and lab ours.
4. The waste should be dumped towards south eastern side of the lease area.
5. Backfilling will be carried out on simultaneously in the lease area from 1<sup>st</sup> year onwards.
6. Existing over burden dumps should be re-handled and stabilized with legumes and grass prior to commencement of mining.

**10. Case No. 864/2012** Shri Dependra Singh S/o Shri Rajendra Singh R/o Bhupati Bhawan Budhar, Ward No. – 14, Police Station Budhar, Distt. – Shahdol (M.P.) – 484110 –Stone/ Boulder Quarry of Dependra Singh S/o Rajendra Singh at Khasra No. – 349/1 K, Village - Majhgawan, Tehsil – Anuppur, Distt. – Anuppur (M.P.) **Lease Area – 2.241 ha. Capacity – 15000 Cu. M. Per Year.**

**Env. Consultant:**

Neither the 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. Information as desired by the SEIAA in the prescribed format has not been submitted by the PP with application hence committee decided to return the case to SEIAA for further necessary action at their end.

**11. Case No. 865/2012** Shri Chain Lal Ambade C/o M/s Neha Bedi, 104 A, Mohit Complex Near Navin Vidhya Bhavan Nepier Town – Jabalpur, Distt. – Jabalpur (M.P.) – 482001 - Chainlal Ambade Mining of Ordinary Clay (Mud) at Khasra No. – 475/2, Village - Murjhad, Tehsil – Waraseoni, Distt. – Balaghat (M.P.) **Lease Area – 2.40 ha. Capacity – 6000 Cu. M. Per Year.**

**Env. Consultant:**

PP and his consultant presented the salient features of the project with location aspects. The project may be appraised as per the policy decided by the SEIAA under the category B-2 after submission of complete information in the annexure 1 and 2 as prescribed by the SEIAA.

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare)  
Member SEAC

**12. Case No. 866/2012** Shri Sudhir Mishra R/o 1818/A, Gupteswar, Jabalpur, Distt. – Jabalpur (M.P.) – 482001 - *Shri Sudhir Mishra Stone Mine at Khasra No. – 82, Village - Ghagra, Tehsil – Jabalpur, Distt. – Jabalpur (M.P.)* **Lease Area – 0.860 ha.** Capacity – 7500 Cu. M. Per Year.

**Env. Consultant:**

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence PP shall carry out the EIA study as per the issued TOR and shall submit the draft EIA to the concerned authority for Public Consultation. The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues.

- This mine is adjoining with the two other proposed mines (Case No. 854/2012 and 867/2012) hence cumulative EIA and impacts to be studied with separate reports and EMP to be submitted for all the three mines. Hydro-geological studies to be taken up in the region.
- As the three mines belong to the same owner and located in the same village, all the three Public Hearings can be allowed simultaneously on the same day for the three projects (Case No. 854/2012, 866/2012 and 867/2012). In each of the PH, issues of other two projects will also be discussed.

**13. Case No. 867/2012** Shri Dwarika Mishra R/o 1818/A, Gupteswar, Jabalpur, Distt. – Jabalpur (M.P.) – 482001 - *Shri Dwarika Mishra Stone Mine at Khasra No. – 90, Village - Dhadhra, Tehsil – Jabalpur, Distt. – Jabalpur (M.P.)* **Lease Area – 1.75 ha.** Capacity – 10,000 Cu. M. Per Year.

**Env. Consultant:**

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence PP shall carry out the EIA study as per the issued TOR and shall submit the draft EIA to the concerned authority for Public Consultation. The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues.

- This mine is adjoining with the two other proposed mines (Case No. 854/2012 and 866/2012) hence cumulative EIA and impacts to be studied with separate reports and EMP to be submitted for all the three mines. Hydro-geological studies to be taken up in the region.
- As the three mines belong to the same owner and located in the same village, all the three Public Hearings can be allowed simultaneously on the same day for the three projects (Case No. 867/2012, 854/2012 and 866/2012). In each of the PH, issues of other two projects will also be discussed.

**14. Case No. 868/2012** Shri Rajaram Patidar, Swaraj Tractor, Khandwa Road – Burhanpur, Distt. - Burhanpur (M.P.) – 450331 - *Shri Rajaram Patidar Stone( Black) Mine at Khasra No. – 677/1, Village - Khadkod, Tehsil – Burhanpur, Distt. – Burhanpur (M.P.)* **Lease Area – 0.75 ha.** Capacity – 10,000 Cu. M. per Year.

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare )  
Member SEAC

**Env. Consultant:**

PP and his consultant presented the salient features of the project with location aspects. After deliberations committee has decided to issue the standard TOR as issued in other mining projects. The project shall be appraised as per the policy decided by the SEIAA under the category B-1. Hence PP shall carry out the EIA study as per the issued TOR and shall submit the draft EIA to the concerned authority for Public Consultation. The final EIA / EMP shall be submitted to the SEIAA after incorporating the Public Hearing issues.

- 15. Case No. 869/2012 Shri Rajesh Jaiswal, Village- Bhondiya, Tehsil – Kasrawad, Distt. - (M.P.) – 451660 Stone / Boulder Quarry of Rajesh Jaiswal at Khasra No. – 477, Village - Chichali, Tehsil – Kasrawad, Distt. – Khargone (M.P.) Lease Area – 02.00 ha. Capacity – 3,000 Cu. M. Per Year.**

**Env. Consultant:**

Neither the PP nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP has submittted a request for consideration of the case in coming meetings of the SEAC. Hence the committee decided to call the PP in the meeting as per turn.

**\*\* Meeting ended with thanks to the chair and the members. \*\***

(S.C. Jain)  
Chairman

(K.P. Nyati)  
Member SEAC

(V. Subramanian)  
Member SEAC

(A.P. Srivastava)  
Member SEAC

(V.R. Khare )  
Member SEAC