

The 81st meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 22nd June, 2017 under the Chairmanship of Dr. Navin Chandra for discussion on the query responses submitted by the PP and the projects issues received from SEIAA. The following members attended the meeting-

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

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

1. Case No.-5250/2016 M/s Ismail & Sons, Mission Chowk, Main Road, NH-7, PO & District Katni, MP-483501 Prior Environment Clearance for Limestone Mine in an area of 7.358 ha.(1,25,000 TPA) at Khasra no.-Old-579, 580, 581, 584/1, 590/2, 584/2, 631, 632/1, 691/1,692/1, 692/2, 693/1, 639/2, New-126, 127, 128, 129, & 131, Village-Bistara, Tehsil - Murwara Dist.Katni (MP). EIA Consultant: Cognizance Research India Pvt.Ltd.

This is a case of Bistara Lime Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed project is located at khasra no.-Old-579, 580, 581, 584/1, 590/2, 584/2, 631, 632/1, 691/1, 692/1, 692/2, 693/1, 639/2, New-126, 127, 128, 129, & 131, Village-Bistara, Tehsil - Murwara Dist. Katni (MP) area 7.358 Ha. The project requires prior EC before commencement of any activity at site. The ML area is waste land. There is no agriculture land, forest land or any water body in the lease area. No national park, sanctuary or any eco sensitive area exists within 10 kms radius. The nearest forest is about 350 meter in south. The nearest water bodies are Kevlari Nalla in 2.0 km south, Amha Nalla in 3.75 km South, Tamas River in 4.75 km NW and Katni Nadi in 8.0 km south. Opencast Other Than Fully Mechanised method of mining will be adopted in the lease area. Proposed Capacity of the project is 1,25,000 TPA of Limestone. The district head quarter –Katni is at 16 kms the nearest railway station is Jhukehi at 2.6 kms in NW and the nearest airport is Jabalpur. N.H.-7 passes at 3.20 kms in NW direction.

The case was presented by the PP and their consultant in the 37th SEAC-II meeting dated-12/07/2016, wherein PP submitted that they have already collected the data. It being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Compliance of consent conditions of the MP Pollution Control Board should be obtained from concerned Regional Officer.
2. Top soil management plan be discussed in the EIA report.

3. Ground water recharge study of the nearby area be carried out by the PP and same should be discussed in the EIA report.
4. Inventory of operating / proposed mines within 2 Km around the said mine should be provided in the EIA report.
5. Evacuation Plan on a map to be provided with transport route, required infrastructure and manpower.
6. Any alternate route avoiding the nearby habitations (if any).

PP has submitted EIA vide letter no.-09/06/2017 which was forwarded by the SEIAA vide letter no.722 dated-14/06/2017. EIA was presented by the PP and their consultant wherein following submissions were made by the PP:

The mining lease area was previously sanctioned for 20 years period w.e.f. 31.10.1967 to 30.10.1987 to M/s Ismail & Sons. The ML was renewed for 10 years period up to 30.10.1997. The lessee has applied for renewal on 14.10.1996 and then on 30.10.2007. The ML area is deemed to extend up to 50 years period up to 31.03.2020. As per EIA Notification and its subsequent amendment therefore proposed projects fall in B1 category. The mining plan has been approved via letter no.MP/Katni/Limestone/MPLN-Modi-08/15-16/5839 dated 21.12.2015

Salient Feature of the Project

S. No.	Particulars	Details
A.	Nature & Size of the Project	Limestone (ML Area- 7.358Ha.) Production capacity of 125,000TPA
B.	Location	
	Name of Village	Bistara
	Tehsil	Murwara
	District	Katni
	State	Madhya Pradesh
	Coordinates	Latitude- 23°58'24.3" to 23°58'36.8" North Longitude- 80°27'34.1" to 80°27'45.8" East
	Toposheet No.	64 A/5
	Khasra No.	126-129, & 131
C.	Mine Lease Area Details	
	Lease Area	7.358Ha

	Type of Land	Khasra No.	Area (ha.)	Type of Land
		126-129, & 131	7.358	Waste Land
			7.358	
	Topography	Almost Plain having general slope towards South		
	Site Elevation Range	From 384 to 387	RL	
D.	Cost Details			
	Cost of the project	Rs 1.40 crore		
	Cost for EMP	Rs 14.5 lakh		
	Cost of CSR	Rs 6.65 lakh		
E.	Details of Environmental Setting			
	Ecological Sensitive Areas (National Park, Wild Life Sanctuary, Biosphere Reserve, Reserve/ Protected Forest etc.) within 10 km distance	There is no National Park, Wild Life Sanctuary, and Biosphere Reserve within 10 KM distance from the lease area. Only Reserve Forests and Dense Mix Jungle are present in the study area which are as follows:		
		SN	Particulars	Distance from the ML Boundary (in km) & Direction from the ML Boundary
		1	Dense Mix Jungle	2 km North
		2.	Open mixed Jungle	6 Km North
	Water Bodies	1	Kevlari Nala	2 km South
		2	Kollari Nadi	8.0 km East
		3	Katni Nadi	8 km South
		4	Tamas River	4.75 km NW
	Nearest Town	Katni at a distance of 16 km towards SSW direction		
	Nearest Railway Station	Jhukehi Railway station 2.6 Km NW		
	Nearest National Highway	NH-7, 3.20 km in NW Direction		

Nearest Airport	Jabalpur Airport - 98 Km towards SW direction.
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Basic Requirement of the project

S. No.	Requirements	Quantity	Source
1	Land	7.358 Ha	It's a Existing mine
2	Water	17 KLD	Water for drinking/domestic purpose which will be abstracted from old ground water
3	Manpower	70	From nearby villages

Method of mining

Method of mining	Opencast other than fully mechanized mining
Bench Height and Width	Height:6 m Width:10 m
Ultimate pit depth	19 m bgl
Ground water Depth	60-65 mbgl
Life of the Mine	7 Years

Drilling and blasting parameter

Spacing - 1m
 Burden - 0.8 m
 Depth of hole - 1.5m
 Charge per hole - 450 gms
 Powder factor - 6-7 t./kg.
 Dia of hole -33mm
 Explosive to be used= Special Gelatine, Safety Fuse, Ordinary

Land use Pattern

Sl. No.	Particulars	Existing Land Use	Conceptual land use
1	Total area Excavated	2.63	(4.24)
2	Area fully mined out (Out of 1)	Nil	(4.24)
3	Area fully reclaimed (Backfilled out of 2)	Nil	(0.12)
4	Area rehabilitated out of 3 by afforestation	NA	0.12

5	Area reclaimed by water harvesting	Nil	4.12
6	Total area under dump	3.11	(2.618)
7	Total area under active dumps	Nil	Nil
	Area under mineral stack	Nil	Nil
8	Area under Road	Nil	Nil
9	Area under green belt(i.e. plantation on area other than dump and backfilled area)	0.30	0.30
10	Plantation over dump area	Nil	2.618
11	Area under canal	0.20	0.20
10	Undisturbed	1.118	Nil
Total		7.358	7.358

During presentation it was observed that a canal is in existence on the Southern Side of the lease thus 60 mts area should be left as safety zone and non-minable area. During presentation it was also decided by the committee that PP will erect a retaining wall around the dump area and fencing all around the lease area. After presentation, PP was asked to submit response on following queries:

1. Top Soil Management Plan.
2. Proposal of Fencing and retaining wall as suggested by the committee.
3. Revised Plantation Scheme with 4100 number of trees.
4. Revised EMP incorporating the budget for plantation, fencing and retaining wall.
5. Revised CSR as suggested by committee incorporating budget for sports activities and revised budget for drainage system.

PP has submitted the response on above quarries vide letter dated 22/06/2017 which was placed before the committee and same was found satisfactory and acceptable by committee. The EIA/EMP and other submissions made by the PP were also found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions:

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.

3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Transportation of material shall be done in covered vehicles.
5. Transportation of minerals shall not be carried out through forest area.
6. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease.
7. The OB (if any) should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan. PP shall bound to compliance the final closure plan as approved by the IBM.
8. Production of Limestone shall be as per the approved mining plan with quantity not exceeding 1,25,000 TPA.
9. A canal is in existence on the Southern Side of the lease thus 60 mts area should be left as safety zone and non-minable area.
10. PP will also erect a retaining wall around the waste dump area and carryout fencing all around the lease area.
11. As proposed, garland drains with protective bunds all around the lease boundary (1000mx2.0mX1.5m) shall be provided along with a settling tank (40mX10mX03m) for proper sedimentation and retention connected with garland drains shall be provided.
12. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
13. Fixed typed sprinklers should be provided on 500 meter long 05 meter wide haul roads. However, regular water spraying should be practiced on 100 meter long 06 meter wide transportation road for dust suppression.
14. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) including the village side to provide additional protection in one year only.
15. Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
16. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
17. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat.

Further any need base and appropriate activity may be taken up in coordination with local panchayat.

18. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
19. The commitments made in the public hearing are to be fulfilled by the PP.
20. 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.
21. PP will comply with all the commitments made vide letter dated 22/06/2017.

2. Case No. – 2813/2015 Shri Sagar Raj Gurjar C/o Jai Shri Balaji Mines & Minerals, Goverdhar Vilas, Valicha By Pass, Udaipur (Raj.)-313002. Pichla Laterite Mine Lease Area- 14.20 ha. Capacity - 2,00,000 TPA) at Survey No. – 1471, Village-Pichla, Tehsil-Shamgarh, District-Mandsaur (MP) (EIA Presentation).

This is case of Pichla Laterite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Survey No. – 1471, Village-Pichla, Tehsil-Shamgarh, District-Mandsaur (MP) 14.20ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled in the 208th meeting dated 23/07/2015; wherein it was recorded that: This case was scheduled in the 206th meeting dated 21/07/2015. On PP's request with due permission of the Chairman the case was considered in this meeting. This is a mining project pertaining to mining of Laterite in a mining lease area of 14.2 Ha. The proposed production capacity in the project is 2.0 Lac TPA. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR for the project to carry out EIA and prepare EMP. The salient features of the project were presented by the PP and their consultant before the committee. The submission made by the PP reveals following:

- Govt. of Madhya Pradesh issued a prospecting license dated 6.9.2012.
- Letter of Intent has been issued vide letter no.-F3-2/2014/12/1 dated 9.12.2014.
- Mining plan with PMCP has been submitted (approval is under process).
- Monitoring & Sampling has been done during the period of March- May 2015.

Name of mineral	Laterite
Near village	Pichla

Tehsil	Shamgarh
District	Mandsaur
State	Madhya Pradesh
Applied lease area	14.20 Hect.
Max. & min elevation within applied lease area	
Latitude	24° 11'15.46" N to 24°10'54.00" N
Longitude	to 75°31'58.33"E
Toposheet no.	45P/11

Features around the project

Nearest village	Pichla- 0.3 Km. by road.
Nearest railway station	Shamgarh– 29.0 Km. by road.
Nearest airport	Indore - 234 Km. by road.
Archaeological site	No archaeological site within core & buffer zone.
Wildlife sanctuary	No wildlife sanctuary within core & buffer zone.
Nearest highway (Aerial distance)	SH -19A at about- 32.0 Km. towards East
Nearest water bodies (Aerial distance)	Chambal River -9.0 Km towards SW. Ansari River -8.5 Km towards NE Sonari River -10.6 Km towards SE
Nearest RF/PF (aerial distance)	Kharssiya PF at-1.3 Km. towards- East N/V- Gopalpura PF at-3.1 Km towards- West. N/v-Takrawad PF at 5.8 Km towards-SE.

Salient features of the project

Applied ML Area	14.20 Hect.
Total Geological Resources	1,03,44,958 Tonnes
Mineable Reserves	78,83,366 Tonnes
Proposed Production	2,00,000 TPA of Mineral Leterite
Life Of Mine	39.45 years.

Type Of Land	Govt. Waste Land	
Method Of Mining	Opencast mechanized with drilling & blasting	
Water Requirement	7.5 KLD	
	PURPOSE	REQUIREMENT (KLD)
	Drinking & others	2.0
	Suppression of dust	3.0
	Plantation	2.5
	Total	7.5

Method of mining

- The Method of mining will be opencast mechanized with drilling & blasting.
- Height of benches will be kept 5m and width of benches will be 15-20 m.
- Bench slope will be kept at 80° from vertical.
- The diameter of blast hole will be 115mm.
- Loading of mineral will be done into dumpers with the use of excavator of 0.93 Cum. bucket capacity.

Year-wise production of mineral

Year	Production of Mineral (RoM) (Tonnes)
1st Year	1,09,588
2nd Year	2,00,450
3rd Year	2,01,043
4th Year	2,00,334
5th Year	2,00,681

Extent of mechanization

Sr. No.	Name	Capacity	Number
1.	Excavator	0.93 Cum.	1
2.	Rock Drill	-	1
3	Compressor CM-341	400cfm	1

Land use pattern of ml area

S. No.	Particulars	Pre- Operational	Operational	Post-Operational
1	Pits	0.062	4.20	12.063*
2	Dump	0.00	0.00	0.00
3	Infra structure	0.00	0.10	0.00
4	Plantation	0.00	2.137	2.137
5	Remaining land	14.138	7.763	0.00
6	Total	14.20	14.20	14.20

Plantation up to end of mine life – 3.409 ha (i.e. 2.137 ha. along lease boundary, 1.272 ha. on mined out area benches). Base line data reported to be collected during May-March 2015 can be used in the EIA report. After deliberation committee approved the standard TORs' prescribed by the MoEF & CC to carry out EIA and prepare EMP for the project.

PP has submitted EIA vide letter no.-12/06/2017 which was forwarded by the SEIAA vide letter no.741 dated-16/06/2017. EIA was presented by the PP and their consultant wherein it was observed by the committee that a wind mill is installed on the southwestern side of the lease thus as per the guidelines, 300 meters area is to be left from the lease and also a village is on the southeastern side for which 100 meters area is to be left as non mining area. PP informed that they will not mine as per the suggestions of the committee in this restricted areas. PP was asked to submit following information:

1. Revised production Plan leaving 300 meters area forms the windmill and 100 meters area from the village.
2. Revised EMP incorporating the revised number of trip per day (4trips/day) with capacity of tankers and their number also.
3. Revised Plantation Scheme with their budgetary provision as suggested by the committee during presentation.
4. Revised location of settling tank on surface map.
5. Revised CSR as suggested by committee during presentation incorporating budget for hand-pump which were demanded during public hearing and health check-up to be conducted for the villagers.
6. Since area is devoid of top soil hence undertaking from the PP that the soil for the plantation purpose will be imported from the other sources and wet drilling will be carried out.

PP has submitted the response on above quarries vide letter dated 22/06/2017 which was placed before the committee and same was found satisfactory and acceptable by committee. The EIA/EMP and other submissions made by the PP were also found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions:

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Transportation of material shall be done in covered vehicles.
5. Transportation of minerals shall not be carried out through forest area.
6. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease.
7. The OB (if any) should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan. PP shall bound to compliance the final closure plan as approved by the IBM.
8. Production of Laterite shall be as per the approved mining plan with quantity not exceeding 2,00,000 TPA.
9. A wind mill is installed on the southwestern side of the lease thus as per the guidelines, 300 meters area is to be left from the lease and also a village is on the southeastern side for which 100 meters area is to be left as non mining area as per the revised plan submitted by the PP.
10. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) including the village side to provide additional protection in one year only.
11. Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
12. As proposed, garland drains with protective bunds all around the lease boundary (1707mx2.0mX1.0m) shall be provided along with 05 settling tanks (10mX03mX1.5m) with 04 settling pits of 03mX02mX02m for proper sedimentation and retention connected with garland drains shall be provided.

13. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
14. Regular water spraying should be provided on 550 meter long 05 meter wide haul roads and on transportation road for dust suppression.
15. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
16. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
17. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
18. The commitments made in the public hearing are to be fulfilled by the PP.
19. 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.
20. PP will comply with all the commitments made vide letter dated 22/06/2017.

3. **Case No. -5166/16 Shri R.K. Nema, DGM, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for River Sand Mine project in an area of 22.500 ha. (4,50,000 cum/year) at Khasra No.-01, Village-Maroda, Tehsil-Itarsi, District-Hoshangabad (MP). (EIA Consultant: M/s SFRI, Jabalpur)**

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-01, Village-Maroda, Tehsil-Itarsi, District-Hoshangabad (MP) 22.500 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.3988, dated: 24/3/16, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP (OIC, MP State Mining Corporation Ltd.) and their consultant in 26th SEAC-II meeting dated-24/05/2016 and during presentation it was observed that concerned Mining Officer vide letter no.3988, dated: 24/3/16, has reported that there is no more mine operating or proposed within 500 meters around the said 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 alongwith road condign is to be discussed in the EIA report alongwith requirement of manpower.
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. Detailed production plan with section should be provided in the EIA report considering the safe area to be left for the prevention of bank erosion.
9. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
10. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
11. Discuss and assess impacts of sand mining on pisciculture.
12. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
13. Discuss the measures that will be adopted for the bank erosion.
14. 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.
15. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
16. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

17. During presentation evacuation of sand was proposed from the other side of the bank by crossing the entire river. PP was asked to proposed alternate route so that sand can be evacuated from the same bank.
18. During presentation (in some cases) it was observed that there is difference in cluster area information submitted by the mining officer and presentation made by the PP & their consultant. If this is the situation in this case, the OIC, MP State Mining Corporation Ltd., was asked to get the area revived from mining officer and same should be submitted with the EIA report.

PP has submitted EIA vide letter no.-15/05/2017 which was forwarded by the SEIAA vide letter no.515 dated-23/05/2017. EIA was presented by the PP and their consultant wherein PP was asked to submit following information and also needs to present the case again for EC:

1. Revised EMP & CSR as suggested by committee during presentation.
 2. Since evacuation of sand is 4200 cum/day from both the mines in cluster thus operation 30 trucks with 60 trips/hr i.e 600 trips/day. Hence PP should submit traffic management plan addressing all the sensitive issues nearby it.
 3. Details of proposed by-pass route w.r.t its load capacity, PP has to submit photographs of the alternate road.
 4. The co-ordinates given in the EIA report and in the Approved Mining Plan and not matching thus PP was asked to submit reply as per TORpoint no.-18.
4. **Case No. 5541/2017 M/s Vasudha Mineral & Chemicals, R/o Pooja Residency, Opp. Vishal Sabagruh, Koradi Road, Mankapur, Nagar, MH Prior Environment Clearance for Dolomite Mining Project in an area of 8.094. (89,100 TPA) (Khasra no. 200) at Village- Malegaon, Tehsil - Sausar, Dist. Chhindwara (MP).**

This is case of Dolomite Mining Project. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra no. 200) at Village- Malegaon, Tehsil - Sausar, Dist. Chhindwara (MP) 8.094 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.-1895 dated: 27/08/15, has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 21.817 ha including this area.

Earlier this case was presented by the PP and their consultant in 74th SEAC-II meeting dated-03/05/2017, wherein committee informed PP that the area of lease 08.094 ha and considering the

area of other 03 mines within 500 meters the total area becomes 21.817 ha. After presentation the committee decided that PP should submit a comprehensive EMP through QCI/NABET **accredited** consultant addressing following issues:-

1. EMP with one month data for Air, Water and Noise monitoring.
2. Inventory of existing trees with their number and species on the lease and detailed plan if any existing tree is to be uprooted for the mining.
3. Rain water harvesting to be proposed.
4. Revised CSR as suggested by the committee during presentation.
5. Details of proposed blasting and safety measures should be discussed in the EMP.
6. Dimensions of evacuation road and traffic density should be discussed in the EMP considering the load of neighboring mines.
7. Management and disposal plan of OB.
8. Existing scenario of site should be discussed in the EMP in detail.
9. EMP should be supplemented by the recent photographs of the site.

PP has submitted EMP vide letter no.-12/06/2017 which was placed before the committee.

The case was presented by the PP and their consultant wherein during presentation it was observed by committee that as per the DFO certificate no 1500 dated 15/09/2015 the mining lease is only 60 meters away from the forest boundary for which PP has obtained approval of committee in their meeting dated 07/10/2008. Committee recommends that the conditions imposed by the committee should be implemented by the PP As per the inventory submitted by PP, there are 104 trees existing on the lease and PP informed that none of these trees will be uprooted during mining activity as trees are in non mining zone.. After presentation, PP was asked to submit following information:

1. Revised dimensions of settling tank as suggested by the committee during presentation.
2. Commitment of PP that 6100 plants will be planted as suggested by the committee during presentation.
3. During presentation PP submitted that there is no top soil for which a written submission should be submitted by PP.
4. Details of drilling, blasting and safety measures adopted should be provided.
5. Revised budget for the labour welfare incorporating provisions for occupational health safety and VT programme.
6. Revised CSR with enhanced budgetary provisions solar lights and community centre at Malegaon.
7. Commitment from the PP that they will use solar pump and solar lights in their office.

PP has submitted the response on above quarries vide letter dated 22/06/2017 which was placed before the committee and same was found satisfactory and acceptable by committee. The EIA/EMP and other submissions made by the PP were also found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions:

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Transportation of material shall be done in covered vehicles.
5. Transportation of minerals shall not be carried out through forest area.
6. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease.
7. The OB (if any) should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan. PP shall bound to compliance the final closure plan as approved by the IBM.
8. Production of Dolomite shall be as per the approved mining plan with quantity not exceeding 89,100 TPA.
9. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) including the village side to provide additional protection in one year only.
10. Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
11. As proposed, garland drains with protective bunds all around the lease boundary (879mx2.5mX1.5m) shall be provided along with 02 settling tanks (09mX03mX3.0m) for proper sedimentation and retention connected with garland drains shall be provided.
12. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
13. Regular water spraying should be provided on haul road and transportation road for dust suppression.

14. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
15. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
16. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
17. The commitments made in the public hearing are to be fulfilled by the PP.
18. 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.
19. PP will comply with all the commitments made vide letter dated 22/06/2017.

5. Case No. - 5576/2017 M/s Rajas Marble Industries, 1024, Bay Ka Bagicha, Ghamapur, Jabalpur, Dist. Jabalpur (SIA/MP/MIN/58834/2016). Prior Environment Clearance for Marble Quarry in an area of 5.73 Ha. (11079 TPA) (Khasra no. 235, 236, 237, 238, 239, 244, 246, 247/2) at Village- Ghutehi, Tehsil - Majhauri, Dist. Jabalpur (MP).

This is case of Marble Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 235, 236, 237, 238, 239, 244, 246, and 247/2) at Village- Ghutehi, Tehsil - Majhauri, Dist. Jabalpur (MP) 5.73 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.---, dated: 28/10/2016, has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 21.62 ha including this mine.

Earlier this case was scheduled in 80th SEAC-II meeting dated-14/06/2017 wherein it was recorded that: *Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to give another chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.*

Comprehensive EMP was presented by the PP and their consultant before the committee. During presentation it was observed by the committee from the Google image that mining activities has been initiated for which PP submitted that initially the mining was initiated in the year 2004-05 and the mining activity was completely stopped from 2006 and no mining is carryout since then. Till date only OB is removed from the lease and no mineral is sold till date. PP further submitted that it's not a case of major mineral and thus EC was not applicable till the Hon'ble Supreme Court Order. Following submissions were made by the PP during presentation:

Environment Setting:

Particulars	Details
Latitude & Longitude	23° 34' 34.7" to 23° 34' 46.6" 80° 06' 15.6" to 80° 06' 32.0"
Height above mean sea level	424-417 m (Elevation difference : 7mt)
Nearest City	Khajuraho - 30km
Nearest Railway Station	Sihora Railway station - 12.0 km - S
Nearest Airport	Jabalpur - 44.50km
Nearest Highway	SH-51 - 1.75km - E
Nearest Village	Ghutehi Village - 0.75km - NEN
Hills/Valley	None within 10km radius
Ecological Sensitive Zone within 10km radius	None within 10km radius
Reserve Forest	Amoch RF - 3.0 km - EES
Historical Place	None in 10 km radius
Nearest River	None in 10 km radius
Nearest Nalla	Water pond - 1.75km - NE Water pond - 2.75 km - ESE
No. of mine located with 500m radius	3 other active mines and 1 inactive mine

It was reported by the PP that

- The lease area of 5.73 hectares was originally granted in favour of M/s Rajas Marble Industries. for 30 year from 2004 to 2034.

- 3 other active mines and 1 inactive mine are located within 500m radius, and total area is 21.62ha.
- The scheme of mining with progressive mine closure plan has been approved by DGM.
- Mine is running with valid consent to operate with production capacity of Max 11,079 Tonne per year.

Particulars	Details
Type of Mine	Open Cast
Mining Lease Area	5.73 ha
Existing Pits & Quarries	1.0 ha
Existing Dumps	2.0 ha
Infrastructure and road	0.034 ha
Total Minable Reserve	158762.00t
Method of mining	Fully mechanized
Ultimate Depth of Mining	27m bgl (upto 390m MSL)
Expected Life of Mines	15 years from 2015
Lease Period	30 year
Stripping Ratio	1:9 to 1:18
Existing mode to transportation	Road
Area to be covered under dumps in conceptual period	Nil
Area covered under pit in conceptual period	4.39 ha
Area to be reclaimed till conceptual period	3.00 ha
Area to be rehabilitated by afforestation in conceptual period	4.00 ha
Area to be covered under water reservoir	1.29 ha
Ground water table	
Monsoon period	35m bgl (382m MSL)
Dry month	40m bgl (377m AMSL)
Production per day (T)	37.0
Truck per day (24T)	2.0

Mining Method:

- Opencast semi mechanized block mining by adopting Gali Toda method is proposed in the lease area.
- Wire Saw: - One Selection of suitable block which has physical quality color, grain size polish behavior with the diamond tools and concern block should be without cracks and fractured.

- The principle of block mining is to get three free faces known as the Gali (along the strike) and Toda (across the strike). The basic purpose to prepare the Gali and Toda is to get proper space for block cutting in L shape (combination of Gali and Toda) therefore first Gali then Toda is developed with blasting parameter (if required) which is localized for proper functioning of wire saw machine, approximately 3- 6 m space.
- After getting the L shape, vertical and horizontal hole required depth or height of the bench, then making the thread alignment in the rectangular shape the holes are drilled with 'LD - 4' portable DTH drill machine. After getting the bore hole drilled, the diamond wire saw machine is used to cut the bottom with diamond pearls followed by both vertical cuts, making rock free from all the sides and now this block is pushed with the help of pneumatic bags or water bags with hydraulic jack 'Power jack' and the cut down blocks are lifted up to the surface by crane or pock land machine and waste material is being kept at required place with the help of dumpers/ tractors.
- Development of Separate Benches is proposed. These are
 - Development Bench: soil (2m), OB (6m)
 - Production Bench: Marble (6-7m each)
- Soil and weathered marble (OB) will be removed using excavator with tipper combination.
- The Waste & OB will be dumped in northern part of the area and the soil will be dumped separately in the south-west part of the area during working year.

After presentation it was observed by the committee that the EMP and other submissions made by the PP were also found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions:

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Necessary consents shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Transportation of material shall be done in covered vehicles.
4. Transportation of minerals shall not be carried out through forest area.
5. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease.
6. The OB (if any) should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan. PP shall bound to compliance the final closure plan as approved by the IBM.

7. Production of Marble Quarry shall be as per the approved mining plan with quantity not exceeding 11,079 TPA.
8. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) including the village side to provide additional protection in one year only.
9. Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
10. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
11. As proposed, garland drains with protective bunds all around the lease boundary (2743mx1.0mX1.0m) shall be provided along with a settling tank (2000mX05mX3.0m) for proper sedimentation and retention connected with garland drains shall be provided.
12. Regular water spraying should be provided on 1.6 Km long haul road and 0.77 km long transportation road for dust suppression.
13. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
14. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
15. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. 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.
17. PP will comply with all the commitments made vide letter dated 22/06/2017.

6. Case No. - 5488/2016 M/s Digiana Industries Pvt. Ltd, G-1, Sapna Chambers, 12/1 South Tukoganj, Indore, MP- 462001 Prior Environment Clearance for Sand Quarry in an area of 11.500 ha. (3,45,000 cum per annum) (Khasra no. 854) at Village- Baghari, Tehsil - Chandala, Dist. Chhatarpur (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. 854) at Village- Baghari, Tehsil - Chandala, Dist. Chhatarpur (MP) 11.500 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer through Ekal pram-natr vide letter no.-503, dated: 21/04/16, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 24.00 ha including this mine.

Earlier this case was discussed in 78th SEAC-II meeting dated-25/05/2017 wherein it was observed that: *this case was discussed in 65th SEAC-II meeting dated-17/01/2017 wherein it was observed that: The case was presented by the PP and their consultant where it was observed by the committee that as per the Google image of November 2016, some part of lease is submerged in water and entire lease area is calculated for the sand evacuation and no safety margins are left. Thus PP was asked to submit revised operational production map considering above issues for safe and sustainable mining.*

PP was also informed to submit above information vide letter no 97 dated 03/02/2017 stating to submit the desired information and reminder was also given to the PP vide letter no. 295 dated 08/05/2017. PP so far has not submitted the desired informations and the case were placed before the committee. The committee observed that PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

SEIAA vide letter No.-712 dated-14/06/2017 again forwarded this case file to SEAC as PP has submitted the required information vide letter dated 09/06/2017.

Based on the above, the case was scheduled for presentation today. The case was presented by the PP and their consultant. After presentation the committee decided that PP should submit a comprehensive EMP through QCI/NABET **accredited** consultant as the total area considering both the mines is 24.00 ha addressing following issues:-

1. EMP with one month data for Air, Water and Noise monitoring.
2. Inventory of existing trees with their number and species on the lease and detailed plan if any existing tree is to be uprooted for the mining.
3. Management and disposal plan of OB.
4. Surface plan clearly showing the area left due to roads as per MMR, 1996 and location and size of settling tanks and garland drains.
5. Management of mine water discharge.

6. Transportation and evacuation plan of minerals considering production volume of all the mines within 500 meters radius.”
 7. Mechanism of Blasting done to be discussed in the EMP report.
 8. Production details to be submitted in the final EMP report.
 9. Recent photographs of the site to be submitted by the PP to ascertain the availability of sand.
 10. Since evacuation of sand is 1350 cum/day as proposed production is 3,50,000 cum/year, while considering 260 working days PP has to submit safety, welfare & management scheme of labours.
 11. Revised plantation scheme from 2300 to 2350 numbers as suggested during presentation by the committee.
 12. Revised environmental policy of the company adding one sub-manager for safety and welfare of the employees.
 13. PP has to given an undertaking that all the trucks would be fitted with Audio-Visual alarm.
 14. Revised CSR as suggested during presentation by the committee.
7. **Case No. 5099/2016 Shri Surya Pratap Singh Raghuwanshi, Sub Lessee, MPSMCL, Village-Ward No. 14, Krishnapuram, District-Shivpuri (MP)-473551. Prior Environment Clearance for Sand Quarry Deposit in an area of 23.00 ha. (1,15,000 cum/year) at Khasra no.-174, 968, Village-Badonikala, Tehsil-Badoni, District-Datia (MP) (Query revised Co-ordinates 73 meeting)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-174, 968, Village-Badonikala, Tehsil-Badoni, District-Datia (MP) 23.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-66, dated: -21/01/16, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of -69.00 ha including this mine.

Earlier this case was discussed in the 73rd SEAC-II meeting dated 12/04/2017 wherein it was observed that: *this case was discussed in the 52nd SEAC-II meeting dated 12/10/2016 wherein it was observed that:*

“Please refer the minutes of 18th SEAC-II meeting dated-13/04/2016 where TOR was approved.

As per the above, the TOR was issued to the PP vide letter no. 1394 dated 17/08/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no.400 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no. 905 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The cases was presented today by the PP and their consultant and during presentation it was observed that as per the Google image of Feb 2016 and as per the co-ordinates provided by the PP that more than 50% of lease area is submerged in water and given co-ordinates are falling above the river bank. Hence, after presentation, PP was asked to submit following information:

- 1. Revised Operational Production plan considering area submerged in water.*
- 2. Revised Co-ordinates of the lease duly verified by the competent authority.*

PP vide letter dated 04/03/2017 has submitted the reply of above queries which were placed before committee and it was observed by the committee that as per the revised operational production plan submitted by PP only 1.600 ha area is available for mining and remaining 21.400 ha area is submerged in water. Committee further observed that as per the revised co-ordinates submitted by PP and Google image of February, 2017 approx. 80% of the lease area is submerged in river water and sand is available only on the western bank of the lease. Thus committee after deliberations asked PP to submit recent Photographs of the lease area showing sand and water submergence area which should be duly verified by the concerned mining officer for further consideration of this project.

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

8. Case No. -5188/16 Shri Rajeev Saxena, Dy. GM, Sub Office-Dhamnod, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011. Prior Environment Clearance for Sand Mine Deposit in an area of 21.450 ha. (82,500 cum/year) at Khasra No.-28/1/1/1, Village-Bhasunda, Tehsil-Maheshwar, District-Khargone (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-28/1/1/1, Village-Bhasunda, Tehsil-Maheshwar, District-Khargone (MP) 21.450 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 dated: 30/4/16, has reported that there are 01 more mine operating or proposed within 500 meters around the said mine with total area of 41.045 ha including this mine.

Earlier this case was discussed in 66th SEAC-II meeting dated-06/02/2017 wherein it was recorded that: *this case was discussed in 26th, 53rd and 61st SEAC-II meeting and proceedings of the same can be referred in the respective meeting minutes.*

SEIAA has forwarded this case file vide letter no-4958 dated-10/01/17 stating that “ PP has submitted a letter dated-26/12/2016 requesting for making a presentation before SEAC and therefore it has been decided to return the case file to SEAC and instruct PP to be present for appraisal.

Case was presented by the PP and their Consultant and during presentation and discussion it was observed that as per the Google image based on the co-ordinates provided by the PP the QL area is breaching the natural drain existing on the western side of the lease. During presentation following observations were also made by the committee:

- 1. EMP is not submitted with the case file. Thus PP was asked to submit site specific EMP.*
- 2. In the QL area numbers of trees are seen as per the Google image based on the co-ordinates provided by the PP. Thus PP was asked to submit inventory of existing trees, their numbers and species with their management plan.*
- 3. In the QL area some hutments are also seen as per the Google image based on the co-ordinates provided by the PP. Thus PP was asked to submit details of such hutments with proposed suitable measures in EMP for them.*

After presentation, PP was asked to submit revised operational production map considering the nearby natural drain in existence with clarification on above issues for further consideration of the project.

Today this case was again scheduled for the presentation and discussion before the committee, as PP has submitted the required information vide letter dated 05/06/2017 which was being forwarded by the SEIAA vide letter No. 702 dated-13/06/2017 and the same was placed before the committee and after discussion it was observed that query reply and other submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 82,500 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

9. Case No. -5191/16 Shri Rajeev Saxena, DGM, Sub Office-Dhar, MP State Mining Corporation, Paryavas Bhawan, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011. Prior Environment Clearance for Sand Mine Deposit in an area of 14.154 ha. (56,250 cum/year) at Village-Jalood, Tehsil-Maheshwar, District-Khargone (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no.-105/1/1/1, Village-Jalood, Tehsil-Maheshwar, District-Khargone (MP) 14.154 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 dated: 30/4/16, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of -29.154 ha including this mine.

Earlier this case was discussed in 66th SEAC-II meeting dated-06/02/2017 wherein it was recorded that: *this case was discussed in 26th, 52nd and 61st SEAC-II meeting and proceedings of the same can be referred in the respective meeting minutes.*

SEIAA has forwarded this case file vide letter no-4960 dated-10/01/17 stating that “ PP has submitted a letter dated 26/12/2016 requesting for making a presentation before SEAC and therefore it has been decided to return the case file to SEAC and instruct PP to be present for appraisal.”

Case was presented by the PP and their Consultant and during presentation and discussion it was observed that as per Khasra Map attached with the case file and Form-1 submitted by the attached Conceptual map, Year wise development and production plan map, Geological X section plan and Surface plan are of Jalood-B QL with an area of 15.00 ha. During presentation following observations were also made by the committee:

- 1. EMP is not submitted with the case file. Thus PP was asked to submit site specific EMP.*
- 2. In the QL area numbers of trees are seen as per the Google image based on the co-ordinates provided by the PP. Thus PP was asked to submit inventory of existing trees, their numbers and species with their management plan.*
- 3. In the QL area some hutments are also seen as per the Google image based on the co-ordinates provided by the PP. Thus PP was asked to submit details of such hutments with proposed suitable measures in EMP for them.*

After presentation, PP was asked to submit revised mine plan with Conceptual map, Year wise development and production plan map, Geological X section plan and Surface plan of Jalood-A QL with an area of 14. 154 ha with clarification on above issues through SEIAA for further consideration of the project.

Today this case was again scheduled for the presentation and discussion before the committee, as PP has submitted the required information vide letter dated 05/06/2017 which was being forwarded by the SEIAA vide letter No.-700 dated-13/06/2017. Case was discussed by the committee and after discussion it was observed that query reply and other submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure ‘B’:

- Production of Sand as per mine plan with quantity not exceeding 56,250 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL

(Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.

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

10. Case No. - 5579/2017 M/s D.G.Minerals Pvt. Ltd, 158, 3rd Floor, Zone-II, M.P.Nagar, Bhopal, MP – 462011. Prior Environment Clearance for Granite Deposite in an area of 8.0 Ha.. (3,3125 TPA) (Khasra no. 110 (Part)) at Village- Pratappura , Tehsil - Lavkushnagar, Dist. Chhatarpur (MP)

This is case of Granite Deposite. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 110 (Part)) at Village- Pratappura, Tehsil - Lavkushnagar, Dist. Chhatarpur (MP) 8.00 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 dated: 05/05/2017 has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant and during presentation it was observed by the committee that the Conservative Forest vide letter No.-1785 dated-20/06/2017 has informed that the nearest forest boundary 890 meters and if there is revenue forest then as per the revenue department notification 16-10-सात/2-ए/90 दिनांक 13/01/1997 proposal should be submitted by PP under FC Act, 1980. PP submitted that as per Khasra Panchshhalla it is hillock and there is no revenue forest. The EMS and other submissions submitted 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':

1. Production of Granite shall be as per mine plan with quantity not exceeding 33,125 TPA.
2. 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.

3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
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. The proposed plantation should be carried out along as per the submitted proposal and PP would maintain the plants for five years including casualty replacement.
6. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
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. Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
11. As proposed, garland drains with protective bunds all around the lease boundary (2523mx1.5mX1.0m) shall be provided along with 02 settling tanks (50mX20mX5.0m & 80mX20mX6.0m) for proper sedimentation and retention connected with garland drains shall be provided.
12. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
13. Regular water spraying should be provided on 1.20 km long and 5.0 meter wide haul road and transportation road for dust suppression.
14. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
15. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
16. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
17. The commitments made in the public hearing are to be fulfilled by the PP.
18. 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.

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

11. Case No.-5509/2017 Shri Dilip, Village Panchouli, Post. Peerjhal, Dist. Ujjain, MP-456010. Prior Environment Clearance for River Sand Deposit Quarry in an area of 8.080 ha. (30,000 cum per annum) (Khasra no. 145) at Village- Maswadiya Khalsa, Tehsil - Badhnagar, Dist. Ujjain (MP)

This is case of Sand deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 145) at Village- Maswadiya Khalsa, Tehsil - Badhnagar, Dist. Ujjain (MP) 8.080 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. 1648 dated: 08/08/16 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was presented by the PP and their consultant in 69th SEAC-II meeting dated- 07/03/2017, wherein during presentation it was observed that as per the Google image of April, 2016 based on the co-ordinates provided by the PP that very scanty volume of sand is observed. Since the sanctioned volume of sand is 30,000 cubic meter/year, committee after deliberations decided to carry-out site visit for verifying the availability of sand in this area for further consideration of this project.

Today the case was scheduled for discussion as contact number of PP in the case file (form-1) was not traceable as someone else with the name " श्री बने सिंह" is picking up the calls thus unable to contact PP for site visit and the case was placed before the committee for discussion. Committee after deliberations decided that PP should obtain the recommendations of Mining Officer regarding availability of the sand in the ML area with photographs showing availability of sand on lease.

12. Case No. – 1222/2013 M/s. Transstroy (India) Ltd., House no. 8-3-833, opp. Tanveer Hospital, Main Road, kamalapuri Colony, Hyderabad. Environment Clearance for approval Stone/Boulder & Murrum Quarry of 3.642 Hectares for production capacity-3,00,000 cum/year, at Khasra no.-183, at Vill.-Mahukala, Teh.-Budhni, Dist.-Sehore (M.P.).

This is case of Stone/Boulder & Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-183, at Vill.-Mahukala, Teh.-Budhni, Dist.-Sehore (M.P.) 3.642 ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was presented by the PP and their consultant in 58th SEAC-II meeting dated-10/11/2016, wherein it was recorded that: *The case was scheduled for the presentation in 36th SEAC-II meeting dated-04/07/2016 wherein the PP and their consultant were present. During presentation it was brought to the notice of committee that SEIAA vide their letter no. 690/SEIAA/16 dated 18/04/2016 has sent the case to SEAC stating that “this is a case of extension of validity of EC based on the extension of lease period for additional two years by collector Sehore. PP has submitted the mining plan duly approved by competent authority. Air and Water consent and total material excavated during the EC period. It has been decided to send the case to SEAC for appraisal”.*

During presentation PP submitted that very minimum volume of mineral is excavated from the site as the mineral required for the project was held up due to some clearances from the other departments. After presentation, PP was asked to submit details on following:

- 1. Point wise compliance of earlier EC conditions with recent photographs.*
- 2. Point wise compliance of consent conditions of the MP Pollution Control Board.*

Later this case was returned to DEIAA through SEIAA in 47th SEAC meeting dated 27/08/2016 as this lease is <5 ha and committee observed that this may fall in perview of DEIAA. After this the case was discuses in 366th SEIAA meeting dated-14/09/2016 and it has been recorded that “This is a case where the EC was issued from SEIAA and PP has come for extension of EC validity in view of extension of lease period for two years granted by Collector, Sehore. SEAC has recommended this case for transfer to DEIAA Sehore in 47th SEAC meeting dtd-27/08/2016. After discussion it is decided to retain it in SEIAA for validity extension. SEAC is therefore advised to call for two point information as indicated above.

SEIAA has forwarded the technical file to SEAC vide letter 3952 dated 07/10/16 & Today, PP was called for presentation for presentation and during presentation it was observed that the PP has submitted the compliance report of earlier EC conditions and consent conditions. During presentation it was observed that site is closely located to habitations and an industrial installation. Hence after deliberations, committee decided to carryout site visit of this lease area for further consideration of this project.

PP vide letter dated 20/04/2017 has requested committee to provide some time to submit lease renewal papers as the lease validity has expired. Since then no communication is received from the PP since long and PP has also not submitted the lease renewal documents and thus the case was placed before the committee. Committee on perusal of the documents recommend that case

may be sent to SEIAA for delisting as in the absence of lease validity case cannot be appraised for grant of EC.

13. Case No.-5121/2016 Shri Dushyant Choudhary, Authorized Signatory, M/s Prime Vision Industries Pvt. Ltd., 303M, 3rd Floor, Vishal Chamber, P-1, Sector-18, Noida, Gautam Buddha Nagar (UP) (SIA/MP/MIN/6262087/2017). Prior Environment Clearance for Sand Mining in an area of 20.00 ha. (6,00,000 cum/year) at Khasra no.-317/384, Village-Mohbala, Tehsil-Manpur, District-Umariya (MP)

This is case of Sand mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-317/384, Village-Mohbala, Tehsil-Manpur, District-Umariya (MP) 20.00 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.2314 dated: 16/11/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Earlier this case was discussed in the 19th SEAC-II meeting dated 23/04/2016 wherein it was observed that:

The case was presented by the PP and their consultant wherein it was observed that as per the certificate issued by the DFO, Panpathe Abhayaran is at a distance of 5.60 kms (a Notified PA) Clearance from NBWL is therefore needed. PP has submitted the copy of online application made for wild life clearance with proposal no. FP/MP/MIN/584/2015.

It was also observed from the Google image as per the co-ordinates provided by the PP that a stream of river is passing through the lease and thus the entire lease area is not minable as mid stream mining is not allowed. Committee after deliberations decided that since a stream crossing the QL, only 75% area is minable thus quantity may be reduced to 4,60,000 cum/year. The other submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- *Production of Sand as per mine plan with quantity not exceeding 4,60,000 cum/year.*
- *District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.*
- *Evacuation of sand should not be allowed through the roads passing through the villages.*
- *Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.*

- *If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.*
- *The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.*
- *No diversion of active channel should be allowed for mining.*
- *The grant of Environmental Clearance should be subject necessary Wild Life Clearance from NBWL to be obtained by PP.*

The EC was granted to this lease as per the decision taken in the 327th SEIAA meeting dated 30.04.2016. SEIAA vide letter no-5583 dated-10/03/17 has sent the file back to SEAC stating that; ED, MP State Mining Corporation has submitted a letter No.1217 dtd.15.02.2017 mentioning that in the Gazette of India published on 14.12.2016, the Eco Sensitive Zone in case of Bandhavgarh Tiger Reserve has been fixed with an extend of 2 km. from the boundary of the Bandhavgarh National Park and desired that the specific condition of Wild Life Clearance from NBWL should be withdrawn which was kept before the committee.

The case was scheduled for the presentation and discussion toady in the presence of PP and their consultant. On perusal of the case file it was observed by the committee that as per the certificate issued vide letter no. 4444 dated 30/10/2015 by the Dy. Director, Bandhavgarh Tiger Reserve, Umaria stating that the lease is at a distance of 5.6 kms (a Notified PA) from core zone and 1.72 kms from the buffer zone of Bandhavgarh Tiger Reserve. It is also mentioned in the same letter that lease is at a distance of 5.60 Kms from Panpatha Abhayaran. However in the gazette of India SO No. 4027 (E) published on 14/12/2016, the Eco-sensitive zone in case of Bandhavgarh Tiger Reserve has been fixed with an extent of 2.00 kms from the boundary of the Bandhavgarh National Park. Since the certificate issued by the Dy. Director, Bandhavgarh Tiger Reserve, Umaria stating that the lease is at a distance of 5.6 kms (a Notified PA) from core zone of Bandhavgarh Tiger Reserve & Panpatha Abhayaran and 1.72 kms from the buffer zone of Bandhavgarh Tiger Reserve is becomes inconclusive as the distance is desired from the boundary of Bandhavgarh National Park/ panpatha Abhayaran not from the core zone or the buffer zone. Thus committee after deliberations decided that PP may be asked to obtain revised certificate from the competent authority stating the actual distance of the lease form the boundary of the Bandhavgarh National Park/ Panpatha Abhayaran in accordance with the gazette of India SO No. 4027 (E) published on 14/12/2016 for further consideration of the representative submitted by them.

Today the case was scheduled for discussion as PP vide dated-20/06/2016 has submitted a letter of SDO (forest). SDO (forest) vide letter no. 442 dated-29/05/2017 has informed that the lease is < 2.00 kms (1.72 kms) away from the Eco-Sensitive Zone of Bandhavgarh Tiger Reserve and permission for sand mining should not be considered. Committee after perusal of the documents and letter issued from the SDO (forest) decided to send this case file to SEIAA as this case can't be recommended for the grant of EC as per MoEF&CC Notification SO 4027 (E) dated 13/12/2016 since sanctioned lease lies within the 2.00 kms Eco-sensitive Zone of Bandhavgarh Tiger Reserve.

14. Case No.-5437/2016 Shri Mohan Lal S/o Shri Kanhaiya Lal, Berasia, Teh. Biaora, Dist. Rajgarh, MP – 465685. Prior Environment Clearance for River Sand Quarry in an area of 9.143 ha. (515 cum per annum) (Khasra no. 853, 985) at Village- Berasia, Tehsil - Narsingharh, Dist. Rajgarh (M.P.).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 853, 985, at Village- Berasia, Tehsil - Narsingharh, Dist. Rajgarh. (M.P.) 9.143 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.456 dated: 25/03/2015 has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Earlier this case was presented by the PP and their consultant in the 56th SEAC-II meeting dated-08/11/2016 *wherein it was observed that DFO, Rajgarh has not offered any remarks in the certificate issued by him vide letter no. 3579 dated 30/10/2015 for forest area. Thus PP was asked to submit revised certificate for distance from "forest area" for further consideration of the project.*

Today the case was scheduled for discussion as SEAC vide letter no 1641 dated-06/12/2016 issued a letter to the PP for submitting the required information which were asked by the committee in the 56th SEAC-II meeting dated-08/11/2016, and reminder was also given to the PP vide letter no. 366 dated-01/06/2017. PP so far has not submitted the desired informations and the case were placed before the committee. The committee observed that PP has neither submitted the desired information nor has requested for providing additional time to submit desired information and thus decided that this case may be recommended for delisting to

SEIAA as per MoEF&CC OM No. F-11013/5/2009-IA-II (Part) dated 30/10/2012 as PP has not submitted the desired information.

15. Case No. – 1693/2013 Smt. Kuwar Rani Ayodhya Singh, Owner R/o 6, Usha Colony, Lashkar – Gwalior, Distt. - Gwalior (M.P.) - 470339- Env. Consultant: Creative Enviro Services, Bhopal (M.P.).Expansion of production capacity from 20,000 MTPA to 2,62,538 Ton per year at Khasra No. – Part of 1262 in Village- Panihar, Tehsil- Gird, Distt. – Gwalior (M.P.) Lease Area – 14.70 Ha. Lease Period –30Yrs.

This is a case of mining submitted for grant of prior EC as PP desire to expand the production capacity from 20000 MTPA to 262538 MTPA. The project presently has a valid EC for the existing production capacity. Enhanced production is envisaged in view of revised mining Plan. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA study and prepare effective EMP for the project. The case was presented by the PP and his consultant. After deliberations committee has approved the standard TOR with inclusion of additional points in 138th SEAC meeting 25/07/2013.

Earlier this case was presented by the PP and their consultant in the 48th SEAC-II meeting dated-28/08/2016 wherein it was recorded that: *The TOR was approved in the 138th SEAC meeting dated 25/07/2013 and the same was issued to the PP vide letter no. 724 dated 11/10/2013. The validity of TOR expired on 10/10/2015. PP vide their letter dated 09.09.15 has requested for TOR extention. After deliberations, the committee recommends the case for extension in TOR for one year with validity up to 10/10/16.*

PP has submitted the EIA report vide letter dated 23/05/2016 which was forwarded by the SEIAA vide letter no. 1742/SEIAA/16 dated 30/05/2016. The case was placed for the discussion wherein committee observed that this is a case of expansion of production capacity from 20,000 MTPA to 2,62,538 Ton/year of iron ore. Since the project presently has EC for the existing production capacity, compliance report duly certified by MoEF&CC has to be submitted by PP for compliance of earlier EC conditions which is still not submitted by the PP. The committee decided that PP may be asked to submit the compliance report of earlier EC conditions duly certified by MoEF&CC within 30 days time for further consideration of the project.

Today the case was scheduled for discussion as SEAC vide letter no.-1506 dated-13/10/2016 issued a letter to the PP for submitting the required information which were asked by the committee in the 48th SEAC-II meeting dated-28/08/2016 to submit the desired information and two reminder was also given to the PP vide letter no. 101 dated-03/02/2017 & vide letter no.-374 dated-01/06/2017. PP so far has not submitted the desired information's but PP vide letter dated-20/06/2017 had requested that they are in the process of obtaining compliance report of

MoEF&CC of earlier EC conditions and as soon as it is issued same will submit through the SEIAA. The case were placed before the committee and after discussion considering the request of PP, committee decided to give one month timings to the PP for submitting the compliance report.

16. Case No. - 5575/2017 Shri Pawan Sachan S/o Shri Khushilal Sachan, Awanti Ward, Mandla Tehsil & District Mandla (SIA/MP/MIN/64687/2017). Prior Environment Clearance for Sand Deposit Quarry in an area of 8.0 Ha. (1,60,000 cum per annum) (Khasra no. 220) at Village- Hirdenagar , Tehsil - Mandla, Dist. Mandla (MP)

This is case of Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 220) at Village- Hirdenagar, Tehsil - Mandla, Dist. Mandla (MP) 8.00 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.753, dated: 26/05/2017, has reported that there are no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was presented by the PP and their consultant in the 80th SEAC-II meeting dated-14/06/2017, *wherein it was observed that according to the Google image of Nov., 2016, that there is a cross-way in between the lease boundary and thus 100 mts area to be left from the both sides of the cross-way and another natural stream is joining the ML area towards the eastern side and thus additional 100 mts area should be left from the both sides of the stream in lease area. Hence committee after discussion asked PP to submit Revised Operational Production Plan of the lease for further consideration of this project.*

Today this case was again scheduled as PP vide letter dated-21/06/2017 has submitted the Revised Operational Production Plan of the lease as desired by the committee in the 80th SEAC-II meeting dated-14/06/2017. Committee after perusal of the documents submitted by the PP observed that according to the revised operational production plan only 40606 Sq.m area is available for the mining activities (19871 Sq.m area is deducted due to existence of bridge and submergence in the water + 19543 Sq.m of area deducted due to confluence of other river). As per approve mining plan the sanctioned depth of the lease is 2.5 m. Thus total volume of sand that can be evacuated from this lease is 1,01,515 cum/year. Committee after deliberations decided that, only 40606 Sq.m area is minable after deducting the submerged area due to bridge and joining of another river only 1,01,515 cum/year sand can be evacuated. The other submissions made by PP were found satisfactory and acceptable and thus the committee decided

to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 1,01,515 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.
- 100 meters area should be left from the both sides of the bridge and river joining the lease as non mining area.

17. 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 earlier discussed in the 268th SEAC meeting dated 05/01/2016 wherein it was observed that;

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.

As per the above, the TOR was issued to the PP vide letter no. 230 dated 02/03/2016.

MP State Mining Corporation Limited, Bhopal vide their letter no. 409 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.1049 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the perview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

SEIAA vide letter no. 3173/SEIAA/16 dated 16/08/2016 and 3240/SEIAA/16 dated 26/08/2016 has also instructed to appraise such cases on priority as per GOI, MoEF&CC notification dated 01/07/2016 and thus committee decided that as per the above instructions of SEIAA, all such cases should be appraised on the priority on the basis the lease documents available in the file/representation submitted by the PP.

The case was presented by the PP and their consultant in the 48th SEAC II meeting dated 28/08/2016 wherein during presentation it was observed by the committee that as per the Google image of February 2016 based on the co-ordinates provided by the PP that there is existence of dam in the lease area and entire lease area is appears to be submerged in back water of the dam. Hence committee after deliberations decided to obtain comments from the concern collector for submergence of lease area in back water of river/dam considering the opinion of concerned dam authority. PP was also asked to submit Revised mine plan incorporating the additional chapter on annual replenishment of sand in the leased area and the normal water level prevalent in the lean season as per the policy decision taken by SEIAA in its 284th meeting dated 23/01/2016.

The case was discussed in the 71st SEAC meeting dated 10/04/2017 wherein it is recorded that the Collector, Gwalior vide letter no. 1498 dated 13/10/2016 and PP vide letter no. 1500 dated 13/10/2016 were requested to submit the above information for further consideration of the project but till date no information is submitted by them. The above case was placed before the committee as desired information is not submitted since long. The committee observed that PP has submitted the desired information which was forwarded by the SEIAA vide letter no. 5204/SEIAA/2017 dated 04/02/2017 but comments from the concern collector for submergence of lease area in back water of river/dam considering the opinion of concerned dam authority are still awaited. Since desired information is not submitted nor has

requested for providing additional time to submit desired information committee decided that case may be sent to SEIAA for onward necessary action and requesting SEIAA to write a letter to The District Collector, Gwalior for providing desired information for further consideration of the project.

SEIAA vide letter no. 837/SEIAA/17 dated 22/06/2017 has sent back the file to SEAC for appraisal stating that Collector, Gwalior has submitted a report dated 26/05/2017 which was placed before the committee. Committee on perusal of the report submitted by the mining officer sent vide letter no. 1125 dated 26/05/2017 observed that MO has mentioned in the report that a stop dam is in existence in the sanctioned lease and thus lease is submerged in water on the upstream side of the stop dam. MO further submitted that the availability of sand is also negligible. Considering the report of MO committee after deliberations decided that since lease is submerged in water on the upstream due the stop dam and availability of sand is also negligible, case should not considered for grant of EC.

(R. K. Sharma, Member)

(Mohd. Kasam Khan, Member)

(Dr. Sonal Mehta, Member)

(Prashant Shrivastava, Member)

(Dr. Navin Chandra, Chairman)

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

Annexure- 'A'

Standard conditions applicable to Stone/Murrum and Soil quarries:

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

Annexure- 'B'

Standard conditions applicable for the sand Mine Quarries*

1. The amount towards reclamation of the land in MLA shall be carried out through the mining department; the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
2. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
3. Plantation shall be carried out on the banks for stabilization of the banks.
4. The mining activity shall be done manually.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trollies (tractor trollies) and not by heavy vehicles. Only registered tractor trollies which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transport vehicles will be covered with tarpauline to minimize dust/sand particle emissions.
7. 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.
8. No Mining shall be carried out during Monsoon season.
9. The depth of mining shall be restricted to 3m or water level, whichever is less.
10. No in-stream mining shall be allowed.
11. 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.
12. Established water conveyance channels should not be relocated, straightened, or modified.
13. 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.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
16. EC will be valid for mine lease period subject to a ceiling of 5 years.
17. Mining should be done as per the submitted land use plan submitted by PP.

Annexure- 'C'

Standard conditions applicable for the Khodu Bharu sand Mine Quarries*

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. 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.
4. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
5. The mining activity shall be done manually.
6. Heavy vehicles shall not be allowed for removal of sand.
7. The sand shall be transported by small trolleys up to the main transport vehicle.
8. Transport vehicles will be covered with tarpoline to minimize dust/sand particle emissions.
9. No Mining shall be carried out during Monsoon season.
10. PP shall take Socio-economic activity in the region through the 'Gram Panchayat'.
11. EC will be valid for mine lease period/mine plan subject to a ceiling of 5 years.
12. The mining shall be carried out strictly as per the approved mining plan.