

The 80th meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 14th June, 2017 under the Co-Chairmanship of Shri. Mohd. Kasam khan 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 Anil Kumar Sharma, Member.
2. Shri Rajendra Kumar Sharma, Member.
3. Dr. Mohd. Akram khan, Member.
4. Shri. Prashant Shrivastava, Member.

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

- 1. Case No. - 5166/16 Shri R.K. Nema, Dy. GM, 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 ENVIRTA, Noida)**

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.

Earlier this 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 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. 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 along with road condition is to be discussed in the EIA report along with 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/EMP vide letter no.-15/05/2017 which was forwarded by the SEIAA vide letter no.-515, dated-23/05/2017.

The case was scheduled for the EIA presentation wherein it was observed 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.

2. Case No. - 3969/15 Smt. Sumitra Grover w/o Shri Madan Lal Grover, Civil Lines, P.O. & District-Katni (MP)-483501. Prior E.C for approval of Limestone & Dolomite Mine in an area of 4.28 ha. (57,182 TPA) at khasra No.-70, 72, 73, 74, 75, 81P, & 82P, Vill.-Rajarwara, Tehsil-Vijayraghgarh, District-Katni (MP) (EIA Consultant; M/s ENVIRTA, Noida)

This is case of mining of Limestone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at khasra No.-70, 72, 73, 74, 75, 81P, & 82P, Vill.-Rajarwara, Tehsil-Vijayraghgarh, District-Katni (MP) 4.28 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in 262nd SEAC meeting dated-09/01/2016. It being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA with following additional conditions:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.

PP has submitted EIA/EMP vide letter no.-15/05/2015 which was forwarded by the SEIAA vide letter no.-468, dated-18/05/2017.

EIA was presented by the PP and their consultant wherein following submissions were made by the PP:

PROJECT DESCRIPTION

The mining lease has been sanctioned for 30 years period w.e.f. 01.01.2010 under the Mines and Minerals Development and Regulation) Amendment Act, 2015 and State Government of M.P. has extended the ML area for 50 years period w.e.f. 01.01.2010. The mine was granted Consent under Air and Water (Prevention and Control of Pollution) Act for 5,000 TPA Production. The mine worked under the permitted capacity throughout and applied for EC for enhanced

production / renewal/ extension of lease period under EIA notification. The Limestone will be used as BF grade in steel plants and in lime kilns for manufacture of industrial lime. The low grade limestone above threshold value and fines generated during mining will be used in cement plants.

The Scheme of Mining has been approved by IBM vide letter No **MP/Katni/Limestone /M.sch.-02/15-16/3633 on 03.07.2015**

Size of the Project

The total Mine Lease areas considered is 4.28 ha. The proposed production is 57,182 TPA

Anticipated Life of Project and Cost of the Project

The life of the mine is anticipated at 10 years based on the level of exploration and reserve established as per UNFC classification. The cost of mining land, mining machinery, Environmental protection, Socio-economic development for the present ML area is about Rs. 1.0 Crores.

LOCATION

The lease area falls in Vijayraghgarh Tehsil of Katni Distt. of Madhya Pradesh State. The lease area is 29 km from Katni and approachable from Katni on NH-7 upto Jukehi (18km) and then turning right on Jukehi-Kymore PWD road (11km) upto the lease area via Rajarwara Railway crossing. The lease area can also be approached by own conveyance or regular buses plying between Katni and Kymore via Jukehi upto Rajarwara railway crossing and then on foot upto the lease area

Details of Project

Project Name	Rajarwara Limestone & Dolomite Mine	
Location of the Project	Village Rajarwara, Tehsil – Vijayraghgarh, District- Katni, Madhya Pradesh.	
Mine Lease Area	4.28 Ha.	4.28 Ha.
Latitude & Longitude	Latitude	Longitude
	23°59'51.1" to 23°59'58.1North	80°30'20.6" to 80°30'31.3" East
Toposheet Number	64A/5	
Type of Land	Plain and waste land	
Elevation	Highest Elevation: 383 m AMSL Lowest Elevation : 380 m AMSL	
Climatic Conditions at IMD		
	Temperature	Max:45 ⁰ C

Satna		Min: 11.5 ⁰ C
	Wind Speed Range	0.1 KMPH to 7.8 KMPH
	Predominant Wind Direction	Blowing from North West
Project Cost	1 Crore.	
Man Power & No. of Working days	39 person for 275 Days/Year.	
Probable Mineral Reserve	492755 Tonnes	
Pre-Feasibility Mineral Resource	5,13,274 Tonnes	
Targeted Production	57,182 TPA	
Validity of Lease	Upto 31.12.2060	
Seismic Zone	Seismic Zone III as per IS-1893 (Part-1)-2002	
End use of Product	The Limestone will be used as BF grade in steel plants and in lime kilns for manufacture of industrial lime. The low grade limestone above threshold value and fines generated during mining will be used in cement plants	
Nearest Town	District Headquarter Katni 20Km SSW	
Nearest Airport	Jabalpur Airport – 101 Km SW Direction	
Nearest Railway Station	Jukehi Railway station 7.80 Km WSW Direction	
Nearest Highway	NH-7, 6.70 km in NW Direction	
Nearest Water Bodies	Keolari Nalla- 6.0 Km South Amha Nalla – 9.50 Km West Tamas River- 4.20 Km NW Katni Nadi - 10.0Km South	
Historical Monuments (in 10 Km Buffer)	None within the study Area.	
Status of Protected/ Other Areas (in 10 Km Buffer)	Open mix jungle – 0.50 km North Direction and 8.25Km in West Direction Protected Forest-9.0 Km South Dense Mix Jungle – 8.0 Km SSW	
Nearest Dispensary & Govt. Hospital	Hospital at Jhukehi- 8.0 km WSW Direction	

PP further submitted that opencast Other than fully mechanized method of mining will be adopted in the lease area in future. All operation of mining such as development, winning of ore, loading and transport will be carried out by utilizing HEMM. No deep hole drilling and blasting of large diameter is proposed. Drilling and blasting will be carried out of diameter 80mm of depth 2.9m in mineral. The development benches in OB soil will be of height 6.0m and width 10.0m. The mineral bench of 6m height will be developed. However sub benching will be done to facilitate Jack Hammer drilling and blasting and where ever formation changes due to dip of beds. The recovery from individual bench zone will depend on presence of waste band in that zone as well as on recovery of saleable ore from ore band. The width of the bench will not be less than the height of the bench. Winning of mineral and loading will be done mostly by manual means.

Systematic working will be done by formation of benches as per M.M.R. 1961. All applicable rules of MMR 1961, Mines Act-1952, MCR-2016 and MCDR-1988 will be followed for safe, scientific & systematic working to follow the principles of safety & conservation of human health & mineral.

The mine waste is in the form of following: - (1) Top soil (2) OB and Mine waste. The OB/mine waste will be simultaneously backfilled in the mined out area. The area has been suitably selected, as it will not interfere with mining activities in future. The backfilled area and the sides will be sloped at an angle of repose. No dumping has been proposed. It is proposed to backfill 6.54 Ha by the OB/Waste generated during the course of mining.

The Limestone will be used as BF grade in steel plants and in lime kilns for manufacture of industrial lime. The low grade limestone above threshold value and fines generated during mining will be used in cement plants. There is no perennial source of surface water such as river or nallah in the lease area. There is only seasonal water courses/nallah in the buffer zone. The lease area is drained by southerly flowing on-perennial nallah originating from the foot of Kymore range confluence in Mahanadi river in S-E of the lease area. The general slope is towards south. The issues raised during the Public Hearing were also considered and discussed during the meeting.

After presentation, PP was asked to submit response on following queries:

1. Top Soil Management Plan to be submitted by the PP.
2. Compliance of TOR point No.-1 i.e production data since 2011.
3. Consultant's accreditation Certificate to be submitted.

4. Authenticated analysis report issued by the Accredited lab should be submitted.
5. Justification for the high value of free silica in core -zone to be submitted by the PP.
6. Revised Plantation Scheme as suggested by the committee during presentation.
7. Revised EMP incorporating the cost of road maintenance and fencing also as suggested by the committee during presentation.
8. Clarification for difference in the values of P.M 10 in page No.-70-71 whether it is 66.5 or 60.50
9. Occupational Health survey to be incorporated in the environmental policy of the company.
10. Revised dimension of the settling tank as suggested by the committee during presentation.
11. Revised CSR as suggested by the committee during presentation.
12. Emergency escape route to be proposed by the PP.

PP has submitted the response on above quarries vide letter dated 14/06/2017 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. 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 Limestone shall be as per the approved mining plan with quantity not exceeding 57,182 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. As proposed, garland drains with protective bunds all around the lease boundary (805mx2.0mX1.5m) shall be provided along with 03 settling tanks (40mX7.5mX03m) with one sump of 40mX25mX03m for proper sedimentation and retention connected with garland drains shall be provided.
11. 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.
12. Fixed typed sprinklers should be provided on 300 meter long 05 meter wide haul roads. However, regular water spraying should be practiced on 200 meter long 06 meter wide 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 commitments made in the public hearing are to be fulfilled by the PP.
17. 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.
18. PP will comply with all the commitments made in by the letter dated 14/06/2017.

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

This is a mining project over an area of 8.30 Ha. mining of mineral Limestone is proposed in the project. The Mining lease was granted to M/s. Diwan Lime Co. Pvt. Ltd. for 20 years period w.e.f. 05.05.1982 to 04.05.2002. 1st renewal of Mining Lease was granted for 20 years period

w.e.f. 05.05.2002 to 04.05.2022. The Mining Lease was transferred to Shri M. L. Grover vide Order No -3-20/2004/12/2 dated 24.12.2004. The date of execution of transfer deed is 15.01.2005 for balance period of ML i.e. upto 04.05.2022. It has been extended upto 50 years period from date of 1st grant of ML under the provisions of The MM (D & R) Amendment Act 2015 upto 04.05.2032. The scheme of mining was approved by IBM on 31.03.2017. The proposed site is located at Khasra No. - 312 P of Village-Kachhgawan, Tehsil – Murwara, District-Katni (MP) over an area of 8.30 ha.

The case was presented by the PP and their consultant in 268th SEAC meeting dated-16/01/2016. Being it's a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

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

PP has submitted EIA vide letter no.-15/05/2017 which was forwarded by the SEIAA vide letter no.470, dated-.18/05/2017.

EIA was presented by the PP and their consultant wherein following submissions were made by the PP:

PROJECT DESCRIPTION

This is a project for open cast OTFM method of mining of mineral like Limestone and the estimated project cost is 1.0 crores.

The mining lease was initially granted for 20 years period w.e.f. 04.05.1982 to 03.05.2002 to M/s. Diwan Lime Co. Pvt. The Mining Lease was transferred to Shri M. L. Grover vide State Government order No. - 3-20/2004/12/2 dated 24.12.2004 for the period of 04.05.2002 to 03.05.2022. It is further extended for 50 years from date of first grant of ML up to 03.05.2032. The mine is non captive and stand alone project. The mine was granted Consent under Air and Water (Prevention and Control of Pollution) Act for 10,000 TPA Production. The mine worked under the permitted capacity and applied for EC for enhanced production

/renewal/extension of lease period under EIA notification. The Limestone will be used as BF grade in steel plants and in lime kilns for manufacture of industrial lime. The low grade limestone above threshold value and fines generated during mining will be used in cement plants.

The Scheme of Mining has been approved by IBM vide letter No MP/Limestone//M.sch.-75/11-12/2642 on 31/05/2012 & Mining Plan vide letter dated 31.03.2017.

Size of the Project

The total Mine Lease areas considered is 8.30 ha. The proposed production is 50,000 TPA

Anticipated Life of Project and Cost of the Project

The life of the mine is anticipated at 40 years based on the level of exploration and reserve established as per UNFC classification and expecting the market demand will remain at 50,000 TPA. The cost of mining land, mining machinery, Environmental protection, Socio-economic development for the present ML area is about Rs. 1.0 Crores.

LOCATION

The lease area is about 18 kms from Katni and 15 Kms from Murwara. The ML area can be approached from Katni via Jukehi. Jukehi is 18 kms from Katni in north east direction on N.H.-7. The ML area is further 6.0 kms towards ENE of Jukehi- Kymore road up to Neel Kantheswar turning. It is further about 0.20 km in south. Jukehi is the nearest railway station on Allahabad-Jabalpur BG Section of WCR.

Details of Project

Project Name	Kachhgawan Limestone & Dolomite Mine	
Location of the Project	Village : Kachhgawan, Tehsil : Murwara, District Katni, Madhya Pradesh.	
Mine Lease Area	8.30 Ha.	Khasra No: 312 P
Latitude & Longitude	Latitude	Longitude
	23°59'02.7" to 23°59'21.5" North	80°28'46.7" to 80°28'56.9" East
Toposheet Number	64A/5	
Type of Land	Plain and waste land	
Elevation	Highest Elevation: 378 m AMSL	

	Lowest Elevation : 376 m AMSL	
Climatic Conditions at IMD Satna	Temperature	Max:45 ⁰ C Min: 11.5 ⁰ C
	Wind Speed Range	0.1 KMPH to 7.8 KMPH
	Predominant Wind Direction	Blowing from North West
	Project Cost	1 Crore.
Man Power & No. of Working days	66 persons for 275 Days/Year.	
Probable Mineral Reserve	Limestone	1879356 Tonnes
Pre-Feasibility Mineral Resource	Limestone	1113900 Tonnes
Targeted Production	Production from mine largely depends on market demand presently it is fixed at 50,000 TPA as per present market scenario.	
Validity of Lease	Upto 03.05.2032	
Seismic Zone	Seismic Zone III as per IS-1893 (Part-1)-2002	
End use of Product	The Limestone will be used as BF grade in steel plants and in lime kilns for manufacture of industrial lime. The low grade limestone above threshold value and fines generated during mining will be used in cement plants	
Nearest Town	District Headquarter in Katni at 18.0 Km in SW	
Nearest Airport	Khajuraho Airport 108 Km NW Direction Jabalpur Airport – 98 Km SW Direction	
Nearest Railway Station	Jhukehi Railway station 5.10 Km West Direction	
Nearest Highway	National Highway 7 at 6.0 Km north-west Direction	
Nearest Water Bodies	Koilari Nadi – 4.84 km SE Kevlari Nala : 4.43 Km South Katni Nadi – 10.0 kms South	
Historical Monuments (in 10 Km Buffer)	None within the study Area.	
Status of Protected/ Other Areas (in 10 Km Buffer)	Open mix jungle - 0.80 Km in North Direction Protected Forest – 6.70 km SSW Open Mix Jungle - 6.0 km South Dense Mix Jungle – 6.0 Km NW	

Nearest Dispensary & Govt. Hospital	Hospital 6.0 Km in WSW
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PP further submitted that method of Mining will be Opencast other than fully-mechanized. In the lease area Limestone is found. The limestone will be supplied to steel & cement plants with CaO varying from 38 to 48. Drilling of 48 mm dia holes will be carried out up to 2.9m depth. The water required is mainly for dust suppression, green belt development, drinking and other domestic purpose during mining operations. The total requirement will be 9.0 KLD. There is no perennial surface water such as river or nallah within the mine lease area. There is no river or any perennial surface water source within the core zone or nearby buffer zone. The lease area is drained by southerly flowing on-perennial nallah originating from the foot of Kymore range confluence in Mahanadi river in S-E of the lease area. The ML area lies along the foot hill of the Kymore hill range. The Limestone strata dip 40 to 45 northerly. The strike direction is ENE-WSW. The lease area is almost plain having gentle slope towards south. The lease area is drained by southerly flowing non perennial nallah originating from the foot of Kymore range confluence in Mahanadi River in South East of the lease area. Probable Mineral Reserve is 1879356 Tonnes and Pre-Feasibility Mineral Resource is 1113900 Tonnes.

After presentation, PP was asked to submit response on following queries:

1. Top Soil Management Plan to be submitted by the PP.
2. Compliance of TOR point No.-1 i.e production data since 2005.
3. Complete Compliance of Additional TOR point No.-1, w.r.t area of mine, their production Capacity and their cumulative impact on this sanctioned mine.
4. Consultant's accreditation Certificate to be submitted.
5. Authenticated analysis report issued by the Accredited lab should be submitted.
6. Justification for the high value of free silica in core -zone to be submitted by the PP.
7. Revised Plantation Scheme as suggested by the committee during presentation.
8. Revised EMP incorporating the cost of road maintenance and fencing also as suggested by the committee during presentation.
9. Revised dimension of the settling tank as suggested by the committee during presentation.
10. Revised CSR as suggested by the committee during presentation.
11. Occupational Health survey to be incorporated in the environmental policy of the company.
12. Justification for not doing ground vibration study.
13. Since this mine is in Seismic Zone III hence necessary preventive measures to be addressed by the PP.

PP has submitted the response on above quarries vide letter dated 14/06/2017 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. 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 Limestone shall be as per the approved mining plan with quantity not exceeding 50,000 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. As proposed, garland drains with protective bunds all around the lease boundary (805mx2.0mX1.5m) shall be provided along with 03 settling tanks (40mX7.5mX03m) with one sump of 40mX25mX03m for proper sedimentation and retention connected with garland drains shall be provided.
11. 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.
12. Fixed typed sprinklers should be provided on 400 meter long 06 meter wide haul roads. However, regular water spraying should be practiced on 150 meter long 06 meter wide 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 commitments made in the public hearing are to be fulfilled by the PP.
17. 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.
18. PP will comply with all the commitments made in by the letter dated 14/06/2017.

4. Case No. - 3970/15 Smt. Sumitra Grover, Civil Lines, P.O. & District-Katni (MP)-483501. Prior E.C for approval of Limestone & Dolomite Mine in an area of 10.01 ha. (1,00,000 TPA) at khasra No.-239, 240, 242, 243 P, 246, 282, Vill.-Amehta, Tehsil-Vijayraghogarh, District-Katni (MP) (EIA Consultant; M/s ENVIRTA, Noida)

This is case of mining of Limestone. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at khasra No.-239, 240, 242, 243 P, 246, 282, Vill.-Amehta, Tehsil-Vijayraghogarh, District-Katni (MP) 10.01 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP and their consultant in 262nd SEAC meeting dated-09/01/2016. It being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA with following additional conditions:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.

PP has submitted EIA vide letter no. - 23/05/2017 which was forwarded by the SEIAA vide letter no.563, dated-.31/05/2017.

EIA was presented by the PP and their consultant wherein following submissions were made by the PP:

PROJECT DESCRIPTION

This is a project for open cast OTFM method of mining of mineral like Limestone & Dolomite and the estimated project cost is 1.0 crores. The mining lease was initially granted for 20 years period w.e.f. 02.01.1987 to 01.01.2007 to M/s. T.C. Bajan & Company Pvt. Ltd. The ML was transferred to present lessee on 28.08.1995 for balance period of ML upto 01.01.2007. 1st renewal was granted for 20 years w.e.f. 02.01.2007 to 01.01.2027. The lease area has been extended for 50 years from the date of 1st registration of ML on 02.01.1987 i.e. up to 01.01.2037. The mine is non captive and stand alone project. The mine was granted Consent under Air and Water (Prevention and Control of Pollution) Act. The mine worked under the permitted capacity and applied for EC for enhanced production /extension of lease period under EIA notification. The Limestone will be used as BF grade in steel plants and in lime kilns for manufacture of industrial lime. The low grade limestone above threshold value and fines generated during mining will be used in cement plants. The Scheme of Mining has been approved by IBM vide letter No MP/Limestone//M.sch.-40/12-13/4004 dated 05.09.2012 & mining plan vide letter dated 31.03.2017.

Size of the Project

The total Mine Lease areas considered is 10.01 ha. The proposed production is 1,00,000 TPA

Anticipated Life of Project and Cost of the Project

The life of the mine is anticipated at 17 years based on the level of exploration and reserve established as per UNFC classification and expecting the market demand will remain at 1,00,000 TPA. The cost of mining land, mining machinery, Environmental protection, Socio-economic development for the present ML area is about Rs. 1.0 Crores

LOCATION

The mining area is located in the Village: Amehta, Taluka: Vijayraghgarh, District: Katni, Madhya Pradesh. The lease area is about 33 km from Katni and approachable from Katni on NH-7 upto Jukehi (18km) and then turning right on Jukehi-Kymore PWD road (14km) upto Shramdham School and then about 0.65 km in south. The lease area can also be approached by own conveyance or regular buses plying between Katni and Kymore via Jukehi upto Shramdham school and then on foot upto the lease area. Jukehi is the nearest railway station on Allahabad-Jabalpur BG Section of WCR.

Latitude: 24°00'31.9" to 24°00'47.1" North

Longitude: 80°32'23.3" to 80°32'39.9" East

Details of Project

Project Name	Amehta Limestone & Dolomite Mine		
Location of the Project	Village Amehta, Tehsil – Vijayraghgarh, District- Katni, Madhya Pradesh.		
Mine Lease Area	10.01 Ha.		
Details of Villages present in Lease Area	Village	Area	Khasra no
	Amehta	10.01 Ha	182, 239, 240, 242, 243P, 246
Toposheet Number	63 D/12		
Type of Land	Plain waste land		
Elevation	Highest Elevation: 389 m AMSL Lowest Elevation : 386 m AMSL		
Climatic Conditions at IMD Satna	Temperature	Max: 41.6 ⁰ C Min: 16.3 ⁰ C	
	Wind Speed Range	0.1 KMPH to 7.8 KMPH	
	Predominant Wind Direction	Blowing from North West	
Project Cost	1 Crore.		
Man Power & No. of Working days	75 personnel for 275 Days/Year.		
Water Demand & Source	12.0 KLD, Source : Bore well and Mine sump		
Probable Mineral Reserves	16,81,541 Tonnes		
Pre- Feasibility Mineral Resource	16,74,000 Tonnes		
Targeted Production	1,00,000 TPA		
Validity of Lease	Upto 01.01.2037		
Seismic Zone	Seismic Zone II & III as per IS-1893 (Part-1)-2002		
End use of Product	The Limestone will be used as BF grade in steel plants and in lime kilns for manufacture of industrial lime. The low grade		

	limestone above threshold value and fines generated during mining will be used in cement plants.
Nearest Town	District Headquarter Katni 24 Km SSW
Nearest Airport	Jabalpur Airport – 104 Km
Nearest Railway Station	Jhukehi Railway station 11.50 Km WSW.
Nearest Highway	NH-7, 7.50 km in NW Direction
Nearest Water Bodies	Keolari Nalla – 5.50 km SSE Tamas River – 5.0 kms NW Maha Nadi River – 9.75 km ESE Katni Nadi – 6.75 kms SE
Historical Monuments (in 10 Km Buffer)	None within the study Area.
Status of Protected/ Other Areas (in 10 Km Buffer)	Open mix jungle – 1.0 Km in NW Direction Surma RF – 2.50 km North Protected Forest – 7.50 km NW Goindra PF– 7.25 km SE Banjari RF – 7.50 km ESE
Nearest Dispensary & Govt. Hospital	Hospital at Kymore 7.0 km NE

PP further submitted that the total Mine Lease areas considered is 10.01 ha. for the proposed production of 1,00,000 TPA . The life of the mine is anticipated at 17 years based on the level of exploration and reserve established as per UNFC classification and expecting the market demand will remain at 1,00,000 TPA. The Scheme of Mining has been approved by IBM vide letter No MP/Limestone//M.sch.-40/12-13/4004 dated 05.09.2012 & mining plan vide letter dated 31.03.2017. Method of mining that will be adopted is opencast other than fully mechanized in the lease area in future. All operation of mining such as development, winning of ore, loading and transport will be carried out by manual means. Drilling of 32-48mm dia holes will be carried out up to 2.9m depth. Loading will also be partly by manual means as well as by HEMM. Transportation will be by 10/16 t. dumper or trucks. Sorting & sizing of mineral will be carried out by manual means.

The development in the over burden will be carried out in benches of height up to 6.0m and width equal to 6.0 m to 10 m . The development benches in mineral will be developed of uniform 6m height. However sub benching will be done to facilitate drilling and blasting of hole

upto 2.90m depth. The recovery is envisaged as 80%. Sorting & sizing of mineral will be carried out by manual means. The transport of men is not applicable and they will come from nearby villages on their own. No tubs, haulage rope, conveyor or locomotive will be used.

Systematic working will be done by formation of benches as per M.M.R. 1961. All applicable rules of MMR 1961, Mines Act-1952, MCR-2016 and MCDR-1988 will be followed for safe, scientific & systematic working to follow the principles of safety & conservation of human health & mineral.

The mine waste is in the form of following: - (1) Top soil (2) OB and Mine waste. The OB/mine waste will be simultaneously backfilled in the mined out area. The area has been suitably selected, as it will not interfere with mining activities in future. The backfilled area and the sides will be sloped at an angle of repose. No dumping has been proposed. It is proposed to backfill 6.54 Ha by the OB/Waste generated during the course of mining.

The Limestone will be used as BF grade in steel plants and in lime kilns for manufacture of industrial lime. The low grade limestone above threshold value and fines generated during mining will be used in cement plants.

There is no perennial source of surface water such as river or nallah in the lease area. There is only seasonal water courses/nallah in the buffer zone. The lease area is drained by southerly flowing on-perennial nallah originating from the foot of Kymore range confluence in Mahanadi river in S-E of the lease area. The mode of transport of mineral and waste will be dumpers or trucks within the ML area. The mineral transportation to the destination industry outside the mining lease area will be by road. The issues raised during the Public Hearing were also considered and discussed during the meeting.

After presentation, PP was asked to submit response on following queries:

1. Revised TOR compliance report incorporating all those correction which were suggested by the committee during presentation.
2. Top Soil Management Plan to be submitted by the PP.
3. Complete Compliance of Additional TOR point No.-1, w.r.t area of mine, their production Capacity and their cumulative impact on this sanctioned mine.
4. Consultant's accreditation Certificate to be submitted.
5. Authenticated analysis report issued by the Accredited lab should be submitted.
6. Justification for the high value of free silica in core -zone to be submitted by the PP.
7. Revised Plantation Scheme as suggested by the committee during presentation.

8. Revised EMP incorporating the cost of road maintenance and fencing also as suggested by the committee during presentation.
9. Revised dimension of the settling tank as suggested by the committee during presentation.
10. Revised CSR as suggested by the committee during presentation.
11. Compliance of consent condition from the Regional Office MPPCB to be submitted by the PP.
12. Occupational Health survey to be incorporated in the environmental policy of the company.
13. Justification for not doing ground vibration study.

PP has submitted the response on above quarries vide letter dated 14/06/2017 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. 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 Limestone shall be as per the approved mining plan with quantity not exceeding 1,00,000 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. As proposed, garland drains with protective bunds all around the lease boundary (1350mx2.0mX1.5m) shall be provided along with 04 settling tanks (40mX7.5mX03m) with one sump of 50mX25mX03m for proper sedimentation and retention connected with garland drains shall be provided.
11. 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.
12. Fixed typed sprinklers should be provided on 500 meter long 06 meter wide haul roads. However, regular water spraying should be practiced on 300 meter long 06 meter wide 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 commitments made in the public hearing are to be fulfilled by the PP.
17. 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.
18. PP will comply with all the commitments made in by the letter dated 14/06/2017.

5. Case No. - 5572/2017 Shri Jaipal Singh S/o Shri Lokendra Singh, 29, Salamgarh, Tehsil - Arnod, Dist. Pratapgarh, Rajasthan (SIA/MP/MIN/64767/2016). Prior Environment Clearance for River Sand Quarry (Chamble River) in an area of 8.00 Ha. (5000 cum per annum) (Khasra no. 1 & 110) at Village- Melukhedi , Tehsil - Tal, Dist. Ratlam (MP)

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra no. 1 & 110) at Village- Melukhedi, Tehsil - Tal, Dist. Ratlam (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 through Ekal Praman-Patr vides letter no.186, dated: 25/05/17, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein it was observed that according to the Google image of Dec., 2015 that there is a stop dam at a distance of 500 mts from the lease boundary and entire lease area is submerged in water. PP has submitted that a letter is issued by the Mining Officer, Ratlam vide letter No. 238 dated 13/06/2017 stating that the lease area remains submerged in water till December of every year after rains and from December upto June it becomes dry and thus evacuation of sand is possible from January to June and at present lease area is dry. MO has submitted the recent photographs of the dry area showing availability of the sand in the QL area. Considering the above statement of the Concerned Mining Officer and photographs, committee after deliberations decided that since the evacuation volume is only 5,000 cum/year and mining officer has verified in writing and through photographs regarding availability of sand, case can be considered for grant of EC. discuss the case and after discussion it was observed that: The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 5,000 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.

6. Case No.-5287/2016 Shri Mohiuddin Shaikh S/o Shri Ayazuddin Shaikh, Lease, R/O - 1, Moti Bungalow, Dewas - 455001 (SIA/MP/MIN/558302/2016). Prior Environment

Clearance for Stone Quarry in an area of 9.00 ha. (20000 cum/year) at Khasra no.-772 & 774, Village-Surajpur, Tehsil - Shajapur, Dist. Shajapur (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-772 & 774, Village-Surajpur, Tehsil - Shajapur, Dist. Shajapur (MP) 09.00 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. 634 dated: 23/05/2016 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled in 77th SEAC-II meeting dated-24/05/2017 wherein it was recorded that: this case was scheduled in 70th SEAC-II meeting dated-15/03/2017 wherein it was recorded that: *this case was discussed in 61st SEAC-II meeting dated 25/11/2016 wherein the case was returned to SEIAA for delisting assuming that PP is not interested to continue with the project as was absent in SEAC meetings. PP has submitted a letter dated 23.01.2017 showing his interest in presentation of his case before SEAC-II. Therefore SEIAA decided to relist the case and send the file to SEAC-II for appraisal.*

Based on the above, the case was scheduled for presentation today. The case was presented by the PP and their consultant wherein during presentation as per the Google image January, 2017 based on the co-ordinates provided by the PP it was observed that installation of base structure (like wind mill or HT line) is seen within the lease area. PP was unable to explain about this structure. Thus committee after deliberations asked PP to submit the details of this structure with photographs and comments of Tehsildar about this structure/installation.

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.

The case was presented by the PP and their consultant wherein PP requested committee to give them some time to present their case as on their request Collector, Shajapur vide letter no. 499 dated 12/06/2017 has written a letter to Commissioner, New & Renewable Energy, Urja Bhawan, Bhopal for the safe distance to be left from this wind mill. PP further submitted that the mining

lease was sanctioned much earlier to them and the installation of wind mill has just started. Committee after deliberations decides that on the request of PP one month time may be given so that PP can submit reply issued by the Commissioner, New & Renewable Energy, Urja Bhawan, Bhopal for consideration of this case.

7. Case No. - 5574/2017 M/s The Ishwar Mining and Industrial Corporation (Pvt.) Ltd, Mr. John George, Director In-Charge, Charankamal, 7, Ishwar Nagar, Mathura Road, New Delhi (SIA/MP/MIN/64121/2017). Prior Environment Clearance for Pyrophyllite and Diaspore Mine in an area of 17.0 Ha. (27,563 TPA) (Khasra no. 479) at Village- Khurai, Tehsil - Pichhore, Dist. Shivpuri (MP)

This is case of Pyrophyllite and Diaspore Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra no. 479) at Village- Khurai, Tehsil - Pichhore, Dist. Shivpuri (MP) 17.0 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.1896, dated: 15/01/2016, has reported that there are no more mine operating or proposed within 500 meters around the said mine.

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 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. Details of plantation scheme to be submitted by the PP.
4. Management and disposal plan of OB.
5. Surface plan clearly showing the area left due to roads as per MMR, 1996 and location and size of settling tanks and garland drains.
6. Management of mine water discharge.
7. Transportation and evacuation plan of minerals considering production volume of all the mines within 500 meters radius.”
8. Mechanism of Blasting done to be discussed in the EMP report.
9. Production details to be submitted in the final EMP report.

8. 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.

The case was presented by the PP and their consultant 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.

9. Case No. - 5576/2017 M/s Rajas Marble Industries, 1024, Bai 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 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.

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.

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

10. Case No. - 3093/15 - Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12 Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Prior Environment Clearance for approval of Gola Malgajari (A) River Sand Quarry in Lease Area -8.00 ha., Capacity -2,00,000 cum/year at Khasra No.-1/1, to 6 & 47, Vill.-Gola Malgajari (A), Teh.-Handiya, District-Harda (MP)

This is case of **Gola Malgajari (A) River Sand Quarry**. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1/1, to 6 & 47, Vill.-Gola Malgajari (A), Teh.-Handiya, District-Harda (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 1000 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.-10809, dated: 10/09/15, has reported that there is 01 more mines operating or proposed within 1000 meters around the said mine and total area-29.00 ha.

Earlier this case was scheduled in 23rd SEAC-II meeting dated-06/05/2016 wherein it was recorded that: this case was scheduled in 15th SEAC-II meeting dated-27/03/2016 wherein it was recorded that: *The case was presented in the 242nd SEAC meeting dated 07/11/2015 wherein during deliberations PP informed that the information provided by the mining officer is inadequate and thus requested for the withdrawal of this project vide letter dated 07/11/2015. Considering the same, the case is returned to SEIAA for necessary action.*

SEIAA vides their letter no. 12336/SEIAA/16 dated 21/03/2016 have forwarded the replenishment plan of the above lease along with the information submitted by the PP on dated 15/03/2016. PP has also submitted revised MO certificate stating no mine in 500 meters.

As above, the case was presented by the PP and their consultant wherein the submission 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 24,000 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.*

SEIAA vide their letter no. 1161 dated 03/05/2016 has sent back the file for clarification on production capacity stating "PP was called for clarification on the issue of reduction in production capacity. He conceded that large portion of area is presently under water and not suitable for harnessing of sand. SEAC II in its recommendations of 15th meeting dated 27/03/2016 has not justified the reduction in production capacity from 2,00,000 cum/year to 24,000 cum/year" and the same was placed before the committee along with the file.

On perusal of the case file it was observed from the Google image of dated 16/11/2015 based on the co-ordinates provided by the PP that > 60% of the lease area is still submerged in the water from the southern side of the QL which is also evident from the recent photographs (of dated 25/03/2016) and Google image attached by the PP with the presentation submitted on dated 27/03/2016. The committee after deliberations decided that since only approx 40% area is minable as 60% area is submerged in the water, the quantity may be restricted to the 80,000 cum/year as mid stream mining is not allowed. Other conditions as mentioned in the recommendations of 15th SEAC II meeting dated 27/03/2016 will remain unchanged and mentioning the capacity as 24,000 cum/year is a typographical error.

SEIAA vide letter no. 550/SEIAA/17 dated 30/05/2017 have forwarded the representation submitted by PP which was placed before the committee. Committee on perusal of the case file and representation submitted by the PP observed that the production capacity has been reduced from 2,00,000 cum/year to 80,000 cum/year and observed that the above decision was taken in the 20th SEAC II meeting dated 26/04/2016 wherein the committee has justified the reason for

deduction in sand volume. Thus committee after deliberations decided to stands by the recommendations made in the 23rd SEAC II meeting dated 06/05/2016.

11. Case No.4169/15 M/s Suryapratap Singh Raghuvanshi, Mahadev Vihar Colony, Distt-Shivpuri (M.P) -473551.Prior Environment Clearance for approval of Sand Quarry in an area of 20.140 ha. (2,01,400 cum/year) at Khasra No.- 1, 2, 9, 371, 372, , Village-Niwsairidiya, Tehsil-Roun, District-Bhind (MP).

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. -1, 2, 9, 371, 372, Village-Niwsairidiya, Tehsil-Roun, District-Bhind (MP) 20.140 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. Q-1 dated 07/07/2015 has reported that there are 08 more mines operating or proposed within 1000 meters around the said mine.

Earlier this case was discussed in 59th SEAC-II meeting dated-11/11/2016 wherein it was recorded that: *this case was discussed in 52nd SEAC-II meeting dated-12/10/2016 wherein it was recorded that: "Please refer SEAC-II 30th meeting, dated 04/06/16 where TOR was approved and was issued to the PP vide letter no. 1031 dated 17/06/2016.*

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. 1340 dated 30/07/2016 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 today by the PP and their consultant and during presentation it was observed as per the Google image of Dec.2015 based on the co-ordinates provided by the PP that > 90% of the lease area is submerged in water. The available dry area is 2.50 ha and

sanctioned depth as per the mine plan 3.00 m. Thus from this only 75,000 cum/year of sand can be evacuated. The case was presented today by the PP and their consultant and after presentation PP was asked to submit following information:

- 1. Revised Operational Production plan considering area submerged in water.*
- 2. Environmental policy of the company to be submitted by the PP.*
- 3. Revised plantation scheme to be submitted by the PP.*
- 4. Revised EMP & CSR as suggested by the committee during presentation.”*

The PP vide letter dated 28/10/2016 has submitted the reply which was placed before the committee for further evaluation. The committee after deliberation observed that the PP has submitted the desired information which is satisfactory and acceptable, hence 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’:

- 1. Production of Sand as per mine plan with quantity not exceeding 75,000 cum/year.*
- 2. 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.*
- 3. Evacuation of sand should not be allowed through the roads passing through the villages.*
- 4. Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.*
- 5. If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.*
- 6. The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.*
- 7. No diversion of active channel should be allowed for mining.*

SEIAA vide letter no. 5488/SEIAA/17 dated 07/03/2017 has again forwarded this case to SEAC for clarification stating that “this case was discussed in 59th SEAC-II meeting and the production capacity has been reduced from 2, 01,400 cum/year to 75,000 cum/yer on an available dry area of 2.5 ha. From the production plan submitted by the PP the mining area which is exposed dry is only 1.626 ha and therefore the capacity should have been calculated/reduced on the basis of the available dry area. It has been decided to return the case to SEAC for reappraisal. SEAC should also examine the depth of the pit which in the mining plan was indicated to be 1m and SEAC has calculated the pit to be 3m. It has been decided to send the representation along with the case file to SEAC which was placed before the committee.

On perusal of the case file it was observed by the committee that during appraisal of the case it was observed by the committee as per the Google image of December, 2015 that > 90% of the

lease area was submerged in water and the available dry area is only 2.50 ha thus 2.50 ha area was considered for sand evacuation. As far as depth is concerned committee observed that PP has submitted revised mine plan with replenishment plan on dated 13/10/2016 which was forwarded by the SEIAA vide letter no. 4314/SEIAA/16 dated 04/11/2016 wherein sanctioned depth of mine is 03 meters. and sanctioned depth as per the mine plan 3.00 m. Thus considering 2.5 meter area with 03 meter depth only 75,000 cum/year of sand can be evacuated. Thus committee after deliberations decided to stands by the recommendations made in the 59th SEAC-II meeting dated-11/11/2016.

12. Case No.-5476/2016 Shri Pramod Kumar Gupta S/o Shri Vishnu Kumar Gupta, R/o - 1210, F Modiwara, Cantonment Jabalpur, Dist. Jabalpur, MP – 482001 Prior Environment Clearance for Sand Auction Deposit Quarry in an area of 8.0 ha. (2,40,000 cum per annum) (Khasra no. 854) at Village- Baghari-2, Tehsil - Chandla, Dist. Chhatarpur (MP).

This is case of Sand Auction Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 854) at Village- Baghari-2, Tehsil - Chandla, 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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Ekal Praman-patra issued by Collector vide letter no.-1720, dated: 08/11/2016, has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of 19.50 ha including this mine.

Earlier this case was discussed in 62nd SEAC-II meeting dated-23/12/2016 wherein it was recorded that: The case was presented by the PP and their consultant and during presentation, it was observed by the committee that as per the Google image of November, 2015, > 25% of the area is either submerged in the water or rocky in nature and availability of sand is not seen as per the Google image and thus committee asked PP to provide operational production plan of the lease area considering the above issues and available minable area. As per the operational production plan submitted by PP, it was observed by the committee that only 60,000 sq. meter of the area is available for mining of sand and as per mine plan the sanctioned depth is 03 meters thus 1,80,000 cum/year sand can be evacuated from this lease.

The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 1,80,000 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.

SEIAA vide letter no. 506/SEIAA/17 dated 22/05/2017 have forwarded the representation submitted by PP which was placed before the committee. Committee on perusal of the case file and representation submitted by the PP observed that the production capacity has been reduced from 2,40,000 cum/year to 1,80,000 cum/year and observed that the above decision was taken in the 62nd SEAC-II meeting dated-23/12/2016 wherein the committee has justified the reason for deduction in sand volume. Thus committee after deliberations decided to stand by the recommendations made in the 62nd SEAC-II meeting dated-23/12/2016.

13. Case No. - 3095/15 - Shri Raj Kumar Nema, OIC, Sub Off., M.P. State Mining Corporation Ltd., H.No. 12 Ward No. 17, Sainath Colony, Meenakshi, Hoshangabad (MP)-461001. Prior E.C for approval of Malpone River Sand Quarry in Lease Area -6.00 ha., Capacity- 1,50,000 cum/year at Khasra No.-1/1, Vill.-Malpone, Teh.-Handiya, District-Harda (MP)

This is case of Malpone River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1/1, Vill.-Malpone, Teh.-Handiya, District-Harda (MP) 6.00 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 vides letter no.-10807, dated: 10/09/2015, has reported that there is 01 more mines operating or proposed within 1000 meters around the said mine and Total Area-12.00 ha.

Earlier, the case was presented by the PP in the 40th SEAC-II meeting dated 25/07/2016 wherein it is recorded that: the case was presented by the PP in the 242nd SEAC meeting dated 07/11/2015 wherein it is recorded that:

“As per the co-ordinates submitted by the PP, the Google image of April, 2013 indicates that 70% of ML area falls under water even in the image of February. The proposed quantity of 1, 50,000 cum/year does not seem to be possible with submergence of 70% area in water as mid stream mining is not permitted. The mining plan therefore needs reassessment of the production capacity based on annual replenishment. The case is therefore deferred till submission of the same through SEIAA”.

The case was again presented by the PP and their consultant in the 15th SEAC II meeting dated 27/3/2016 wherein it is recorded that:

SEIAA vide their letter no. 12340/SEIAA/16 dated 21/03/2016 have forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant wherein PP informed that they have revised the mine plan which will be submitted to SEIAA for necessary action. The committee decided that case should be deferred till the submission of revised mine plan through SEIAA.

SEIAA vide their letter no. 2387/SEIAA/16 dated 05/07/2016 have forwarded the revised mine plan with replenishment plan of the above lease for appraisal.

The case was presented by the PP and their consultant during which Shri Rajiv Saxena, OIC, MPSMC was also present. During scrutiny of documents it was observed by the committee that though PP have submitted the revised mine plan but the proposed volume of sand evacuation remains the same i.e. 1,50,000 cum/year and replenishment is also submitted for the same capacity. During presentation committee also observed that as per the recent Google image of November, 2015 based on the co-ordinates provided by the PP, approx 70% of the lease area is submerged in the water which is in line with the observations earlier made by the committee in the 242nd SEAC meeting dated 07/11/2015 and thus committee recommends that only 45,000 cum/year of sand evacuation may be permitted from this site as mid stream mining is not allowed. 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 45,000 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.

SEIAA vide letter no. 552/SEIAA/17 dated 30/05/2017 have forwarded the representation submitted by PP which was placed before the committee. Committee on perusal of the case file and representation submitted by the PP observed that the production capacity has been reduced from 1,50,000 cum/year to 45,000 cum/year and observed that the above decision was taken in the 40th SEAC-II meeting dated 25/07/2016 wherein the committee has justified the reason for deduction in sand volume. Thus committee after deliberations decided to stands by the recommendations made in the 40th SEAC-II meeting dated 25/07/2016.

14. Case No. 5518/17 Shri Madan Agrawal, R/o MIG - 16, Sangram Colony, Rewa Road, Satna, MP – 485001 (SIA/MP/MIN/61916/2017). Prior Environment Clearance for Laterite & Ochre Mining Project in an area of 19.43 ha. (Production Capacity 1,53,446 TPA) (Khasra no. 198/2, 199/p3, 200/1a,kp, 200/1/a1/kha, 200/1a/kha2, 200/1a2/k, 200/1a2/1, 200/1b, 200/1c, 200/1d, 200/1e, 200/1r1, 200/1r2, 200/1l, 200/1v, 200/4, 202/a2, 202/a3, 202/a2/4, 202/a3/2) at Village- Karigohi , Tehsil - Majhgawan, Dist. Satna (MP)

This is case of Laterite & Ochre Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 198/2, 199/p3, 200/1a,kp, 200/1/a1/kha, 200/1a/kha2, 200/1a2/k, 200/1a2/1, 200/1b, 200/1c, 200/1d, 200/1e, 200/1r1, 200/1r2, 200/1l, 200/1v, 200/4, 202/a2, 202/a3, 202/a2/4, 202/a3/2) at Village- Karigohi , Tehsil - Majhgawan, Dist. Satna (MP) 19.43 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. 225 dated: 20-01-2017 has reported that there are 02 more mine operating or proposed within 500 meters around the said mine with total area of 29.31 ha including this mine.

Earlier this case was discussed in 74th SEAC-II meeting dated-03/05/2017 wherein it was observed that: this case was discussed in 70th SEAC-II meeting dated-15/03/2017 wherein it was observed that: *“The case was presented by the PP and their consultant wherein committee informed PP that the area of lease 19.43 ha and considering the area of other 02 mines within 500 meters the total area becomes 29.31 ha and thus TOR may be issued in this case. PP submitted that as per the notification of MoEF&CC dated 15/01/2016 for cluster the area of homogenous minerals will be considered. In this case the two other mines are of Bauxite and thus their area should not be considered for cluster approach. Committee observed that as per the above referred notification which states that “A cluster shall be formed when the distance between the peripheries of one lease is less than 500 meters from the periphery of other lease in a homogeneous mineral area”, the other two mines which are of bauxite mineral will not be considered for cluster approach and thus the request of PP was agreed by the committee. During presentation it was observed by committee that a road is passing in between the lease area hence suitable safety zone should be left as per the MMR, 1996 from both the side of the road as non mining area. It was also observed during the scrutiny of document that as per the DFO certificate Ranipur Abhayaran is 6.3 Kms away from the site and thus clearance from NBWL is required for which PP submitted that they have applied online for wild life clearance with proposal no. FP/MP/MIN/1328/2017 and date of submission is 10/02/2017 and enclosed the copy of acknowledgement with the presentation. 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. *EMP should also address the protective measures proposed for the two villages existing on the both sides of the lease from air pollution and mine water discharge (if any).*
3. *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.*
4. *Details of plantation scheme to be submitted by the PP.*
5. *Management and disposal plan of OB.*
6. *Surface plan clearly showing the area left due to roads as per MMR, 1996 and location and size of settling tanks and garland drains.*
7. *Management of mine water discharge.*
8. *Transportation and evacuation plan of minerals considering production volume of all the mines within 500 meters radius.”*

PP has submitted the comprehensive EMP vide letter dated 18/04/2017 which was placed before committee during presentation it was observed from the Google image that a tar road from East to West is passing through the lease thus 50 mts area to be left from the both sides of the lease as non-mining area. Similarly two village roads are also crossing the lease area from the North to South which is a kacchha road thus 10 mts area to be left from the both sides of the lease as non-mining area. Hence after discussion PP was asked to submit response on following queries:

1. Commitment from the PP that Solar energy would be used for their office and other activities.
2. Commitment from the PP that fixed type of Sprinklers will be used in place of tankers for water spraying.
3. Revised CSR as suggested by the committee during presentation.
4. Lithology with litholog of the mine area to be submitted by the PP.
5. Revised Plantation Scheme as suggested by the committee during presentation.
6. Revised EMP incorporating the cost of sprinklers and solar energy to be submitted by the PP.

PP has submitted the response on above queries vide letter dated 02/06/2017 which was placed before the committee and same was found satisfactory and acceptable by committee. 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 Laterite & Ochre shall be as per the approved mining plan with quantity not exceeding 1,53,446 TPA.
8. A tar road from East to West is passing through the lease thus 50 mts area to be left from the both sides of the lease as non-mining area. Similarly two village roads are also

crossing the lease area from the North to South which is a kacchha road thus 10 mts area to be left from the both sides of the lease as non-mining area.

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 (1623.80mx2.0mX1.0m & 1117mx2.0mX1.0m) shall be provided along with 06 settling tank (05mX03mX03m) 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 haul roads. However, regular water spraying should be practiced on 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 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.
18. PP will comply with all the commitments made in by the letter dated 02/06/2017.
19. Grant of EC would be subject to necessary Wild Life Clearance from NBWL to be obtained by PP.

15. Case No.4371/15 Shri Kailash Chandra Gupta, M/s Esteem Infrabuild Pvt. Ltd., P-4, Lal Bahadur Nagar, Durgapura, Jaipur (Raj.) Prior Environment Clearance for approval of Sand Quarry in an area of 17.456 ha. (87,280 cum/year) at Khasra no -821, Village-Basai, Tehsil-Bhitarwar, District-Gwalior (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no -821, Village-Basai, Tehsil-Bhitarwar, District-Gwalior (MP) 17.456 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. ---, dated: 13/08/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

Earlier this case was discussed in 31st SEAC-II meeting dated-15/06/2016 wherein it was observed that: The case was earlier presented in the 258th SEAC meeting dated 05/01/2016 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 87,280 cum/year.

SEIAA vides their letter no. 11902/SEIAA/16 dated 17/03/2016 have forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant in the 15th SEAC meeting dated 27/03/2016. During presentation it was observed by the committee that as per the Google image of April, 2014 based on the co-ordinates provided by the PP, the most part of lease area is submerged in water even in the image of April (summer season). During presentation PP also confirm that the entire lease area is submerged in the water which is also evident from the Google image submitted by the PP with presentation. Thus committee after deliberations recommended that since the entire lease area is submerged in water, the environmental clearance for this site cannot be considered.

SEIAA vides letter no. 1370/SEIAA16 dated 10/05/2016 has sent back the file to SEAC for hearing the OIC, M. P. State Mining Corporation to explain the ground realities as he has submitted in SEIAA the recent photographs and last 05 years production details.

The case was scheduled for presentation today but OIC, M. P. State Mining Corporation their letter no. 250 dated 16/05/2016 requested for postponement of today's presentation as he has to appear before Additional Session Court. Considering the request of OIC, M. P. State Mining Corporation & OIC, Dhamnood, Dhar committee decided to give another opportunity for presentation in upcoming meetings of SEAC.

Today Shri. O. P. Vyas, OIC, M. P. State Mining Corporation Ltd., Gwalior requested committee that last time they could not made the presentation as he has to appear before Additional Session Court and requested that their case may be heard today. Considering the request of OIC, M. P. State Mining Corporation Ltd., Gwalior committee allowed him and PP to

make presentation. Mr. Vyas, OIC, M. P. State Mining Corporation Ltd., Gwalior presented the recent photographs to the committee members wherein it was observed that even in the photographs submitted by the OIC, M. P. State Mining Corporation Ltd., Gwalior most part of the area is submerged in the water and sand can be seen in some part of bank which appears to be used for transportation. It was also observed from the photographs that thick grass is growing in some parts of the lease which indicated presence of silt in the lease area.

Thus committee after deliberations decides that even with the above photographs, no evidence of sand availability to the tune of 87,280 cum/year can be established by the OIC, M. P. State Mining Corporation Ltd., Gwalior. However, on persistent request of OIC, M. P. State Mining Corporation Ltd., Gwalior committee decided that PP and OIC, MPSMCL, Gwalior should submit revised production plan of the lease area wherein as per their submission sand is available (actual available volume of sand), its transportation plan and cost benefit analysis within 15 days for further consideration of this project.

Shri. O. P. Vyas, OIC, M. P. State Mining Corporation Ltd., Gwalior has submitted the production plan vide letter dated 15/06/2016 which was placed before the committee. On perusal of the production plan it was observed by the committee that it's an old plan which is again submitted by the OIC. Committee again observed the Google image (which was of April, 2014) based on the co-ordinates provided by the PP and noticed that the most part of lease area is submerged in water even in the image of April (summer season). OIC, M. P. State Mining Corporation Ltd., Gwalior submitted that in the western part of the lease sand is available. Committee after deliberations decided that only 10% of the area is available for excavation of sand as there are number of fully grown trees can be seen on the western bank and thus 05 meter area be left from the bank to avoid bank erosion and thus recommends that the excavation of the sand may be restricted to the 10% of the volume approved in the mine plan. 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 8,728 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.
- 05 meter area is left from the western bank of the QL as no mining area to avoid bank erosion.

SEIAA vide letter no. 562/SEIAA/17 dated 31/05/2017 have forwarded the representation submitted by PP which was placed before the committee. Committee on perusal of the case file and representation submitted by the PP observed that the production capacity has been reduced from 87,280 cum/year to 8,728 cum/year and observed that the above decision was taken in the 31st SEAC-II meeting dated-15/06/2016 wherein the committee has justified the reason for deduction in sand volume. Thus committee after deliberations decided to stand by the recommendations made in the 31st SEAC-II meeting dated-15/06/2016.

16. Case No.4262/15 Shri Kailash Chandra Gupta, M/s Esteem Infrabuild Pvt. Ltd., P-4, Lal Bahadur Nagar, Durgapura, Jaipur (Raj.). Prior Environment Clearance for approval of Sand Quarry in an area of 17.650 ha. (88,250 cum/year) at Khasra no.-514, Village-Matiyavali, Tehsil-Mihona, District-Bhind (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-514, Village-Matiyavali, Tehsil-Mihona, District-Bhind (MP) 17.650 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.15, dated: 19/08//2015 has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of 45.870 ha including this mine.

Earlier this case was discussed in the 73rd SEAC-II meeting dated-12/04/2017 wherein it is recorded that: *this case was discussed in the 258th SEAC meeting dated-05/01/2016 wherein it is recorded that as per the approval in 258th SEAC meeting dated-05/01/2016 the TOR was issued to the PP vide letter no. 454 dated 02/03/2016. The case was again discussed in the 53rd SEAC-II meeting dated 13/10/2016 wherein it is recorded that MP State Mining Corporation Limited, Bhopal vide their letter no.403 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.1325 dated 30/07/2016 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 today by the PP and their consultant and during presentation it was observed that the co-ordinates provided by the PP in mine plan for locations marked as “C” & “D” is same and thus the actual lease area could not be established. Thus PP was asked to submit revised co-ordinates of the lease boundary and the same should be duly authenticated by the competent authority for further appraisal of the project.

PP vide letter dated 14/02/2017 has submitted the information which was forwarded by the SEIAA vide letter no. 5320/SEIAA/17 dated 23/02/2017. PP has also submitted the information within 500 meters of the lease area vide letter 31/01/2017 has submitted the information which was forwarded by the SEIAA vide letter no. 5254/SEIAA/17 dated 09/02/2017 wherein there is 01 more mines within 500 meters with total lease area 42.55 ha. As per the mining officer the lease of this mine is sanctioned prior to September, 2013 and sanctioned vide order no. F 4-1/2010/12/01 dated 22/09/2010 and thus as per the GOI, MoEF&CC notification dated 01/07/2016 does not falls under the perview of cluster approach.

The case was presented today (73rd SEAC-II meeting dated-12/04/2017) by the PP and their consultant and during presentation it was observed that as per the Google image of Jan-2017 > 75% of the leaes area is submerged in water, hence hence committee after discussion decided PP should submit following information:

- 1. Revised Mine Working Plan considering the area submerged in river water.*
- 2. Recent photographe of the lease area which should duly verified by the Mining officer.*

PP vide letter dated 19/05/2017 has submitted the reply which was placed before the committee. On perusal of the case file committee observed that PP has submitted photographs of the lease area however, Revised Mine Working Plan considering the area submerged in river water is still not submitted by the PP. Committee after deliberations decides that a reminder mat be given to PP for submission of Revised Mine Working Plan considering the area submerged in river water within 30 days otherwise the case will be recommended for delisting.

17. Case No.4208/15 Shri Kailash Chandra Gupta, M/s Esteem Infrabuild Pvt. Ltd., Sub Lessee, M/s M.P. State Mining Corp. Ltd., P-4, Lal Bahadur Nagar, Durgapura, Jaipur (Raj.)-477001. Environment Clearance for approval of Sand Quarry in an area of 15.210 ha. (75,600 cum/year) at Khasra no.-452, Village-Matiyavali, Tehsil-Mihona, District-Bhind (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-452, Village-Matiyavali, Tehsil-Mihona, District-Bhind (MP) 15.210 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.26, dated: -19/08/15, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of 47.57 ha including this mine.

Earlier this case was discussed in the 73rd SEAC-II meeting dated-12/04/2017 wherein it is recorded that: *this case was discussed in the 15th SEAC-II meeting dated-17/03/2016 and 53rd SEAC-II meeting dated 13/10/2016 wherein it is recorded that the case was presented today by the PP and their consultant and during presentation it was observed that the replenishment plans forwarded by SEIAA vide letter no.12238 dated 18/03/2016. During presentation it was observed that the co-ordinates provided by the PP area not matching with the shape of lease as per Khasra map. Thus committee after deliberations decided that PP may be asked to provide all co-ordinates of the lease duly approved by the competent authority to ascertain the entire lease for its evaluation and further decision.*"

PP vide letter dated 14/02/2017 has submitted the information which was forwarded by the SEIAA vide letter no. 5322/SEIAA/17 dated 23/02/2017. PP has also submitted the information within 500 meters of the lease area vide letter 31/01/2017 has submitted the information which was forwarded by the SEIAA vide letter no. 5256/SEIAA/17 dated 09/02/2017 wherein there are 03 more mines within 500 meters with total lease area 46.11 ha. As per the mining officer the lease of this mine is sanctioned prior to September,2013 and sanctioned vide order no. F 4-1/2010/12/01 dated 22/09/2010 and thus as per the GOI, MoEF&CC notification dated 01/07/2016 does not falls under the perview of cluster approach.

The case was presented today (73rd SEAC-II meeting dated-12/04/2017) by the PP and their consultant and during presentation it was observed that as per the Google image of Jan-2017 based on the co-ordinates provided by the PP that > 75% of the leaes area is submerged in water, hence hence committee after discussion decided PP should submit following information:

1. *Revised Mine Working Plan considering the area submerged in river water.*
2. *Recent photographe of the lease area which should duly verified by the Mining officer.*

PP vide letter dated 19/05/2017 has submitted the reply which was placed before the committee. On perusal of the case file committee observed that PP has submitted photographs of the lease area however, Revised Mine Working Plan considering the area submerged in river water is still not submitted by the PP. Committee after deliberations decides that a reminder mat be given to PP for submission of Revised Mine Working Plan considering the area submerged in river water within 30 days otherwise the case will be recommended for delisting.

18. Case No.4768/15 Shri Alok Goenka, Prop., M/s Sukhdev Prasad Goenka, Station Road, District-Katni (MP)-483501. Environment Clearance for Limestone Mine in an area of 1.51 ha. (71,280 TPA) at Khasra No.-63, Village-Badar, Tehsil-Vijraogarh, District-Katni (MP) (EIA Consultant: Insitu Envirocare, Bhopal)

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-63, Village-Badar, Tehsil-Vijaogarh, District-Katni (MP) of 1.51 ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was discussed in the 9th SEAC-II meeting dated 24/02/2016 wherein it was observed that: The case was presented by the PP. It's being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

1. Inventory of operating / proposed mines within 2 Km around the said mine.
2. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
3. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
4. Any alternate route avoiding the nearby habitations.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional officer.
6. Disposal plan of excess mine water accumulated during rainy season be discussed in the EIA.
7. Necessary DFO certificate of 10 kms distance as submitted certificate is of 05 kms.
8. Top soil management plan be discussed in the EIA.
9. Mineral prospecting report of the ML area be submitted with the EIA report.

PP has submitted the EIA report vide their letter dated 25/03/2017 which was forwarded by the SEIAA vide letter no. 5781/SEIAA/17 dated 31/03/2017.

The case was presented by the PP and their consultant in the 73rd SEAC meeting dated 12/04/2017 wherein it was observed by the committee that vary casual approach was taken during monitoring of site as monitoring equipments were not placed at proper height & were surrounded by the obstacles thus committee decided that for confirmation of the facts PP should carryout additional one month monitoring of Air, Water and Soil and results with proper interpretations should be submitted as suggested by the committee during presentation. It was also informed by the PP that the proposed depth of mining is 28 meters and the ground water table is at 30 meters. Committee observed that there in 02 meter cap between GW table and ultimate pit depth thus PP should submit the precautionary measures proposed for this. During presentation it was also observed by the committee that as per the Google image the mine and its surrounding areas are full of water for which PP submitted that the image is of rainy season i.e. October, 2016 wherein all the mines are full with rain water but later on after rainy season this water recedes down for which committee after deliberations asked PP to submit mine water management plan and proposed safety measures so that rainy water from surrounding area should not enter in the lease area. It was also discussed during presentation that the area of lease is only 1.51ha wherein the proposed depth of mining is 28 meters. Thus committee asked PP to submit the details of available working space at the pit bottom with proposed depth of 28 meters and 1.51 ha area. After complete presentation PP was asked to submit following information:

1. Proposed safety measures to prevent the entry of rain water in the lease area considering the contour of the area along with mine water management plan with details of garland drain and settling tanks.
2. One month monitoring data for AAQM, Water and Soil Sample.
3. Justification for the increased value of zinc in water sample.
4. The proposed depth of mining is 28 meters and the ground water table is at 30 meters thus that there only 02 meter cap between GW table and ultimate pit depth thus proposed precautionary measures should be submitted.
5. The area of lease is only 1.51ha wherein the proposed depth of mining is 28 meters. PP to submit the details of available working space at the pit bottom with proposed depth of 28 meters and 1.51 ha area.
6. Inventory of all the existing trees on the site w.r.t their species and number with photographs.
7. Complete Land-use plan on the Map.

PP has submitted the response on above quarries vide letter dated 08/06/2017 which was placed before the committee wherein committee observed that PP has submitted details of garland drains with settling tank to channelize the rain water. PP has also submitted one month

additional data for monitoring. PP has submitted the inventory of existing trees which are on barrier zone. However, as far as depth of mining is concerned PP has proposed that 02 meter is cap is sufficient but for additional precautionary measures, the mining will be carried out up to the depth of 27 meters BGL and available working space at pit bottom will be 4085 sq. meters. The committee after deliberations found the above submissions satisfactory and acceptable. The EIA/EMP and other submissions made by the PP earlier 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 Limestone shall be as per the approved mining plan with quantity not exceeding 71,280 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. As proposed, garland drains with protective bunds all around the lease boundary (527mx2.0mX1.5m) shall be provided along with a settling tank (13mX6.0mX03m) for proper sedimentation and retention connected with garland drains shall be provided.
11. 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.

12. Fixed typed sprinklers should be provided on 300 meter long 05 meter wide haul roads. However, regular water spraying should be practiced on 150 meter long 05 meter wide 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 commitments made in the public hearing are to be fulfilled by the PP.
17. 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.
18. PP will comply with all the commitments made in by the letter dated 08/06/2017.

19. Case No.-5466/2016 Shri Mohan Lohaiya, Vill. Kulpahar, P.O.Mahoba, Dist. Mahoba, UP – 210426. Prior Environment Clearance for Diaspore & Pyrophyllite Mine in an area of 16.951 ha. (2177 TPA of Diaspore, 16984 TPA of Pyrophyllite) (Khasra no. 980) at Village- Ghoor, Tehsil - Gaurihar, Dist. Chhtarpur (MP).

This is case of Diaspore & Pyrophyllite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located (Khasra no. 980) at Village- Ghoor, Tehsil - Gaurihar, Dist. Chhtarpur (MP) 16.951 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.-1178, dated: 10/08/16, has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was discussed in the 69th SEAC-II meeting dated-07/03/2017 wherein it is recorded that : *The case was presented by the PP and their consultant in 62nd SEAC-II meeting dated-23/12/2016 wherein PP informed that it's an existing mine since 1992 and the lease was transferred in the favor of present lessee in 2006. After presentation, PP was asked to submit:*

1. *Copy of consent obtained from MP Pollution Control Board and also compliance report of consent conditions from the regional officer of MPPCB.*
2. *Details of year wise production obtained from this lease till date.*
3. *Copy of lease extension order issued by the competent authority since 2012.*

PP vide letter dated 23/01/2017 has submitted the response to the above which was forwarded by the SEIAA vide letter no. 5290/SEIAA/17 dated 16/02/2017 and the same was placed before the committee. The committee on perusal of the reply observed that incomplete information is submitted by PP as compliance report of consent conditions from the regional officer of MPPCB is not provided and also the year wise production of Disapore till date is missing in the reply. Committee after deliberations decided that PP may be asked to provide above details for further consideration of the project.

PP has submitted the response on above quarries vide letter dated 13/06/2017 which was placed before the committee and same was found satisfactory and acceptable by committee. 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. 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.
6. Production shall be as per the approved mining plan with quantity not exceeding for Disapore 2,177 TPA and Pyrophyllite 16,984 TPA.
7. Sorting and dressing of Disapore and Pyrophyllite shall be done manually and shall be stacked towards the northern side of the lease.
8. No mining shall be done towards the settlement and as submitted by PP minimum 250 meters distance should be maintained between the mining area and settlement.
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 shall be provided along with settling tank 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 practiced 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 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.
18. PP will comply with all the commitments made in by the letter dated 13/06/2017.

(R. K. Sharma, Member)

(A.K. Sharma, Member)

(Dr.Mohd. Akram Khan, Member)

(Prashant Shrivastava, Member)

(Mohd. Kasam Khan, Member)
(Co- 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 tarpoline 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.