

The 73rd meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 12th April, 2017 under the Chairmanship of Dr. Navin Chandra for discussion on the query responses submitted by the PP and the projects issues received from SEIAA. The following members attended the meeting-

1. Dr. Mohd. Akram khan, Member.
2. Shri Rajendra Kumar Sharma, Member.
3. Shri Prashant Shrivastava, Member.

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

1. Case No. – 2702/2015 Shri Alok Goenka (Prop.) Shri Sukhdev Pd. Shankar Goenka, Prop., M/s, Station Road, Katni, Distt. - Katni (M.P.)-483501. Prior E.Cfor approval of JamuwaniKalan Limestone, Bauxite & Clay Deposit Mine Lease Area-24.85 haProposed Capacity: Lime Stone - 224193 TPA, Bauxite – 7953 TPA, Clay- 27356 TPA Total (Avg) Production - 1,41,253 TPA, at Khasra No. 728, 729, 737, 738, 739, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 817, 818, Vill.-JamuwaniKalan, Teh.-Vijayraghvarh, District-Katni (M.P.) (EIA Consultant: Insitu Envirocare, Bhopal)

This is a case of mining *Limestone, Bauxite & Clay*. The application was forwarded to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP. Salient features of the project with location aspects were presented by the PP and his consultant before the committee in this meeting. Mining is proposed at *Khasra No. 728, 729, 737, 738, 739, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 817, 818, Village-JamuwaniKalan, Tehsil-Vijayraghvarh, District-Katni (M.P.)*, in an area of 24.85 Ha.

Earlier this case was discussed in the 65th SEAC-II meeting dated 17/01/2017 wherein it was observed that: The case was discussed earlier in the 196th SEAC meeting dated 02/06/2015 wherein it was observed that proposed production is varying in the documents submitted and the form-1 hence the same has to be finalized as per the approved Mining Plan and presented in EIA and EMP reports. Since Form 1 is basic / authentic signed document submitted by PP for appraisal, it has to be revised addressing points / discrepancies pointed out by the committee during the meeting. The TOR shall be released after receipt of the revised form-1 with factual details.

After deliberations committee approved the standard TORs' to carry out EIA study and prepare EMP for the proposed project including following points:

- Proposed production has been reported differently in the documents submitted and the Form-1 hence the same has to be finalized as per the approved Mining Plan and presented in EIA and EMP reports.
- Mining method is mentioned as Semi-mechanized at some places and as manual in some places in the documents submitted, the same has to be reported clearly in the report.
- Crusher for sizing of mineral is proposed or not to be reported.
- Status of lease area with respect to the ownership has to be reported with supporting documents in this regard.
- Expected percentage recovery of all the minerals proposed to be excavated to be furnished.

PP has submitted revised Form-1 according to which the mining area is reduced from 24.85 ha to 23.99 ha and production capacity is increased as follows:

SL.NO.	MINERALS	PROPOSED (TPA)	REVISED (TPA)
1.	Lime Stone	2,24,193	2,93,805
2.	Bauxite	7,953	8,239
3.	Clay	27,356	41,359

PP has submitted revised Form-1 which was placed before the committee for scrutiny and necessary comments in the 256th SEAC meeting dated 03/01/2016. Committee after deliberations decided since TOR has already been approved in the 196th SEAC meeting dated 02/06/2015 and PP has submitted the desired information such as Form-1, the standard TOR as per revised information be issued to the PP with following additional conditions:-

- Mining method is mentioned as Semi-mechanized at some places and as manual in some places in the documents submitted, the same has to be reported clearly in the report.
- Crusher for sizing of mineral is proposed or not to be reported.
- Status of lease area with respect to the ownership has to be reported with supporting documents in this regard.

- Expected percentage recovery of all the minerals proposed to be excavated to be furnished.

PP has submitted the EIA report vide letter dated 19/08/2016 which was forwarded by the SEIAA vide letter no. 3934/SEIAA/16 dated 06/10/2016.

The case was presented by the PP and their consultant in the 56th SEAC II meeting dated 08/11/2-16. On perusal of the documents and case file submitted by the PP, committee observed that:

1. DFO certificate regarding distances form National Parks & Sanctuaries in the proforma prescribed by SEIAA, MP is not submitted by PP.
2. The validity of lease was up to 08/01/2015 and so far PP has not submitted the lease validity extension documents.
3. Khasra Panchshala of Khasra no. 799 is not submitted with the case file.
4. Public hearing is conducted for the revised production capacity of the project.

After deliberations committee decided that PP should submit reply on above issues with necessary documentary evidences for further consideration of the project.

PP has submitted the reply of above issues vide letter dated 01/12/2016 which was placed before the committee. On perusal of the reply submitted by PP committee observed that still the DFO certificate submitted by the PP is not adequate as distance criteria considered in certificate is for 05 Kms radius while it should be for 10 Kms radius. Committee after deliberation decided that PP may be asked to submit revised certificate of DFO regarding distances form National Parks & Sanctuaries in the proforma prescribed by SEIAA for a radius of 10 Kms.

PP has submitted the reply vide letter dated 01/12/2016 and thus the case was placed in agenda.

The case was presented by the PP and their consultant wherein PP submitted following details about the mine and other related activities:

Village	Jamuwanikalan
Tehsil	Vijayraghavgarh
District	Katni
Area	23.99 Hectare
Khasra	728, 729, 736, 738, 739, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 816, 817 & 818
Toposheet No	63 D/12
Lease Period	50 years (1965-2015) Extended 5 Year i.e. (2015-2020) vide letter no क्रमांक 711/खनिज/2017 Katni dated 01/03/2017
Detail of Mining Activity	
Highest Elevation (AMSL)	400 m
Lowest Elevation(AMSL)	394 m
Area of Existing Pit	86028 m ²
Depth of Existing Pit	3-14 m
Area of Ultimate Pit (at conceptual stage)	14 m
Ultimate Depth of Mine	14 m BGL
Mining Method	Semi Mechanized Mining Method
Number of Vehicle	26
Number of Workers	33 Person (30 Labor + 3 Office Staff)
Water Table	28-30 m BGL
Detail of plantation	
Plantation Area	132282 m ²
Number of trees	15000 Trees
Type of species	Mango, Gulmohar, neem, Jamun & Pipal
EMP/CSR Budgetary Provision	
EMP Budget	17,16,995 Rs.
CSR Budget	17,16,995 Rs.
Water Requirement (in KLD)	21 KLD

PP further submitted that they have obtained the CF's certificate for 10 kms distance regarding National Parks & Sanctuaries in the proforma prescribed by SEIAA issued vide letter no. 1417 dated 16/03/2017 and as per the certificate issued by the competent authority no National Parks & Sanctuaries are within the 10 kms radius of the lease area. As far as validity of lease is concerned, PP submitted that the lease agreement is under execution as per the provisions laid down in section 08 A (5) and 08 A (6) of Mines & Minerals (Development & Regulation) Amendment Ordinance, 2015 which reads as follows:

08 A (5) *Notwithstanding anything contained in sub-section (2), (3) and sub-section (4), the period of lease granted before the date of commencement of the Mines and Minerals (Development and Regulation) Amendment Act, 2-015, where mineral as used for captive purpose, shall be extended and be deemed to have been extended up to a period ending on the 31st March, 2030 with effect from the date of expiry of the period of renewal last made or till the completion of renewal period, subject to the condition that all the terms and conditions of the lease have been complied with.*

08 A (6) *Notwithstanding anything contained in sub-sections (2), (3) and sub-section (4), the period of lease granted before the date of commencement of the Mines and Minerals (Development and Regulation) Amendment Act, 2015, where mineral is used for other than captive purpose, shall be extended and be deemed to have been extended up to a period ending on the 31st March, 2020 with effect from the date of expiry of the period of renewal last made or till the completion of renewal period, if any, or a period of fifty years from the date of grant of such lease, whichever is later, subject to the condition that all the terms and conditions of the lease have been complied with.*

PP further submitted that same has been also confirmed by the Dy. Director (Mine Administration), Office of Collector, Katni vide letter no. 711 dated 01/03/2017 wherein it is clearly stated that the lease was valid till 07/01/2015 and lease agreement upto 31/03/2020 is under execution as per the provisions laid down in section 08 A (5) and 08 A (6) of Mines & Minerals (Development & Regulation) Amendment Ordinance, 2015. After discussion committee is of opinion that the renewal of lease should be further examined by the competent authority. PP further submitted that they have enclosed the copy of missing Khasra panchshala no. 799 and clarification public hearing.

The above submission of PP was found satisfactory and acceptable. The EIA/EMP and other submissions made by the PP earlier 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:

1. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
2. Transportation of material shall be done in covered vehicles.
3. Transportation of minerals shall not be carried out through forest area.

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 through thick plantation all around the boundaries of lease area with development of the green belt in three row pattern towards village side.
6. The OB 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. Retaining wall should be provided all around the OB dump area.
8. Production shall be as per the mining plan not exceeding for Lime Stone- 2,93,805, Bauxite- 8239 TPA and Clay -41,359 TPA subject to the renewal of lease period.
9. Garland drain (2115mtX1.0X0.5mt,) should be properly maintained and to be cleaned for proper silt discharge.
10. As proposed, one settling tank (5mtX5mtX4mt) connected with garland drains shall be provided for proper sedimentation and same should be properly maintained and to be cleaned for proper silt discharge.
11. 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.
12. Authorization under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
13. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, and green belt development. Regular de-silting of drains and pits should be carried out.
14. Regular water spraying system should be provided on 500 meter long and 05 meter wide haul road. However, regular water spraying should also be practiced on 1500 meters long and 05 meters wide approach road for dust suppression.
15. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
16. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.

17. The commitments made in the public hearing are to be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

2. 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-Vijaogarh, 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 vides letter no. 5781/SEIAA/17 dated 31/03/2017.

The case was presented by the PP and their consultant 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 propser 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 obvserved 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 fulled 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.

3. 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 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 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 lease 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 photographs of the lease area which should duly verified by the Mining officer.

4. 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 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 purview 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 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.

5. Case No. 5099/2016 Shri Surya Pratap Singh Raghuwanshi, Sub Lessee, MPSMCL, Village-Ward No. 14, Krishnapuram, District-Shivpuri (MP)-473551. Prior Environment Clearance for Sand Quarry Deposit in an area of 23.00 ha. (1,15,000 cum/year) at Khasra no.-174, 968, Village-Badonikala, Tehsil-Badoni, District-Datia (MP)

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

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed

format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.-66, dated: -21/01/16, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of -69.00 ha including this mine.

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

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

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

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

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

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

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

PP vide letter dated 04/03/2017 has submitted the reply of above queries which were placed before committee and it was observed by the committee that as per the revised operational production plan submitted by PP only 1.600 ha area is available for mining and remaining 21.400 ha area is submerged in water. Committee further observed that as per the revised co-ordinates submitted by PP and Google image of Feburary, 2017 approx. 80% of the lease area is submerged in river water and sand is available only on the western bank

of the lease. Thus committee after deliberations asked PP to submit recent Photographs of the lease area showing sand and water submergence area which should be duly verified by the concerned mining officer for further consideration of this project.

6. Case No. 5529/17 Shri Raghav Chandak, 203, G Blockm Sri Ganga Nagar, Rajasthan (SIA/MP/MIN/18466/2017). Prior Environment Clearance for River Sand quarry in an area of 20.0 ha. (1,60,000 cum per annum) (Khasra no. 181 part) at Village- Bhadaura Tehsil - Badwara, Dist. Katni (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at (Khasra no. 181 part) at Village- Bhadaura Tehsil - Badwara, Dist. Katni (MP) 20.0 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.- 308, dated: -01/02/17, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of -40.00 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was informed by PP (also submitted vide letter dated 11/04/2017) that earlier EC was issued to this lease which was set aside by Hon'ble NGT vide order dated 06/10/2016 in the case no. 16/2016 & 17/2016 and enclosed the order passed by the NGT, summary note and other relevant documents concerned with the case. Committee gone through the order passed by the Hon'ble NGT in the above referred case and observed that following are the directions of the Hon'ble NGT in this case:

“We direct that without going in to the merits of the submission of the appellant the matter be reviewed by SEIAA and orders passed in accordance with law. Both the EC's are set aside. We make it clear that we did not decide the matter on merits and simply reiterating the orders passed by the collector for review by SEIAA who shall decide the matter in accordance with law. The matter stand disposed of”.

Committee further observed that as per the above directives of Hon'ble NGT the EC issued in previous cases were cancelled by the SEIAA with directions that PP may be asked to

apply afresh online with the modified details and as per the notifications of 15/01/2016 and 01/07/2016 issued by MoEF&CC.

During presentation it was observed by committee that Dy Director, (Mineral Administration), Office of Collector, Katni vide letter no.308, dated: 01/02/17, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 40.00 ha including this mine. It being a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan along with road condition is to be discussed in the EIA report 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. Provide operational production mine plan considering all the surface features as per the statutes in EIA.

7. Case No.-5465/2016 M/s A. D. Agro Foods Pvt Ltd, H.No. 18, Sagar Matha Apartment, MG Road, Indore, MP – 460001. Prior Environment Clearance for River Sand Deposit Quarry in an area of 5.450 ha. (7,200 cum per annum) (Khasra no. 106) at Village- Kodaroti, Tehsil - Betul, Dist. Betul (MP)

This is case of River Sand Deposit Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 106) at Village- Kodaroti, Tehsil - Betul, Dist. Betul (MP) 5.450 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer through Ekal praman-patr vides letter no.1262 dated: 19/08/2016 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 63rd SEAC-II meeting dated 24/12/2016 wherein it is recorded that:

The case was presented by the PP and their consultant wherein it was observed as per the Khasra map that the lease is in two parts. PP submitted that initially the mine was sanctioned for an area of 10.866 ha but leaving the non minable area 5.450 ha was sanctioned for the mining and accordingly the lease was allotted to him and the entire lease is on one Khasra i.e. Khasra No. 106. The committee observed that it is true that lease is sanctioned on one Khasra but a considerable area is left between both the leases without mentioning any reason and thus lease is neither continuous nor compact. Hence, sanctioning of above leases is not in accordance with the MP MMR, 1996 rule 04 (3). The committee also observed that single mine plan is prepared for the above leases. Earlier in cases of similar nature (please refer the minutes of 231st SEAC meeting dated 27/10/2015 and subsequent decision taken by SEIAA in its 327th meeting dated 05/05/2016) SEIAA has decided to close the case. The committee decided to forward this case to SEIAA for further considerations and necessary action.

SEIAA has forwarded this case file vide letter no. 5589 dated 10/03/17 stating that “PP has submitted a representation quoting that the mining plan has been prepared for Khasra No.- 106 and they have left 100m each on both side of an existing road bridge that is why the

lease area is viewed as broken. After detailed deliberations it has been decided to open the case and send it to SEAC for clarification which was placed before the committee.

Committee observed that Concerned Mining Officer vide letter no.17 dated: 06/01/2017 has submitted that according to MMR Rule 1996 part 5(2) (C) due to existence of a bridge in the lease, 100-100 mts area has been left on the both sides of the lease and thus it appears to be in two parts. Considering the above submission of Mining Officer, PP was asked to make presentation.

The case was presented by the PP and their consultant. During presentation it was discussed by the committee that as per the Google image of April, 2016 based co-ordinates provided by the PP no bridge could be seen however as per MO letter no.17 dated: 06/01/2017 a bridge is in existence for which PP submitted that it's a new bridge constructed for crossing the lease for the villagers of Gadha and Kodaroti. After deliberation committee decided that since MO has verified the facts and informed that 100 meters area has been left considering the bridge, case can be considered by withdrawing the recommendations made in the the 63rd SEAC-II meeting dated 24/12/2016. Since there is a bridge as reported by the MO vide letter no.17 dated: 06/01/2017, 200 meters area from the both sides of the bridge should be left as non-mining area as per the MoEF&CC sand mining guidelines as the quantity is only 7,200 cum/year and same can be evacuated from the remaining area. 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 7,200 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.

- A bridge is in existence in the lease thus 200 meters area should be left as non mining area from the both sides of the bridge.

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

This is case of Sand mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-317/384, Village-Mohbala, Tehsil-Manpur, District-Umariya (MP) 20.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.2314 dated: 16/11/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

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

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

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

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

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

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

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

authority stating the actual distance of the lease from the boundary of the Bandhavgarh National Park/ Panpatha Abhayaran in accordance with the gazette of India SO No. 4027 (E) published on 14/12/2016 for further consideration of the representative submitted by them.

9. Case No. – 5538/2015 M/s S.R.Manigro Company, D-1, Akрати Garden, Nehru Nagar, Bhopal, MP – 462003 (SIA/MP/MIN/61124/2017). Prior Environment Clearance for Sand Mine in an area of 6.929ha. (4,000 cum per annum) (Khasra no. 233) at Village- Khejra Atari, Tehsil - Shadora, Dist. Ashoknagar (MP)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no. 233 at Village- Khejra Atari, Tehsil - Shadora, Dist. Ashoknagar (MP) 6.929 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. Q1, dated: 25/10/16, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The cases was presented today by the PP and their consultant and during presentation it was observed that as per the Google image of Feb 2016 based on the co-ordinates provided by the PP that lease area is dry, whereas according to the recent Google image of Dec-2016 lease area is submerged in water. PP during presentation submitted that the lease area is dry at present and shown the photographs of the site. Committee asked PP to submit these photographs for the official records. 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 4,000 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 (Rapra) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

10. Case No. – 5539/2015 M/s S.R.Manigro Company, D-1, Akрати Garden, Nehru Nagar, Bhopal, MP – 462003 (SIA/MP/MIN/61127/2017). Prior Environment Clearance for Sand Mine in an area of 6.584ha. (13,000 cum per annum) (Khasra no. 354) at Village- Kothiya, Tehsil - Guna, Dist. Guna

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no. 354 at Village- Kothiya, Tehsil - Guna, Dist. Guna (MP) 6.584 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. 2140 dated: 03/04/2017 has reported that there are no mines operating or proposed within 500 meters around the said mine.

The cases was presented today by the PP and their consultant and during presentation it was observed that as per the Google image of Feb 2016 and as per the co-ordinates provided by the PP that lease area is dry, whereas according to the recent Google image of Dec-2016 lease area is submerged in water. PP during presentation submitted that the lease area is dry at present and shown the photographs of the site. Committee asked PP to submit these photographs for the official records. 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 13,000 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.

(R. K. Sharma, Member)

(Mohd. Akram Khan, Member)

(Prashant Shrivastava, Member.)

(Dr.NavinChandra, 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.