

The 37th meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 12th July, 2016 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. Mohd. Kasam khan, Member.
3. Shri. Prashant Shrivastava, Member.
4. Shri. Rajendra Kumar Sharma, Member.

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

1. **Case No.-5258/2016 Shri Ashu Singh Bhatt, Sub Lessee of MPSMCL, Village - Badgaon, Tehsil - Narsullaganj, District - Sehore, M.P. Prior Environment Clearance for River Sand Quarry in an area of 11.606 ha. (116080 cum/year) at Khasra no.-01, Village-Badgaon, Tehsil - Narsullaganj, Dist. Sehore (MP)**

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-01, Village-Badgaon, Tehsil - Narsullaganj, Dist. Sehore (MP) 11.606 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. 1814 dated: 13/06/16 has reported that there are 03 more mines operating or proposed within 1000 meters around the said mine with total area of 53.371 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that concerned mining officer vide letter no. 1814 dated: 13/06/16 has reported that there are 03 more mines operating or proposed within 1000 meters around the said mine with total area of 53.371 ha including this mine. It being a case of cluster where the total area is > 25 ha. it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
 2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
 3. Photographs and maps depicting all the mines present in the cluster.
 4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
 5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
 6. Photographs of individual mine during EIA process with date.
 7. Justify the production from each mine and also justify the duration when mining is possible.
 8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
 9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
 10. Discuss and assess impacts of sand mining on pisciculture.
 11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
 12. Discuss the measures that will be adopted for the bank erosion.
 13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
 14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease.
 15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.
2. **Case No.5203/15 Shri Shankar Singh S/o Shri Zujhar Singh, Owner, Simrol, Tehsil-Mahidpur, District-Ujjain (MP)-470113 Prior Environment Clearance for Sand Auctioned Quarry Deposit in an area of 7.38 ha. (84132 cum/year) at Khasra no.-Part of 623, Village-Tipukheda, Tehsil-Mahidpur, District-Ujjain (MP)**

This is case of Sand Auctioned Quarry Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-Part of 623, Village-Tipukheda, Tehsil-Mahidpur, District-Ujjain (MP) 7.38 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. 619 dated: 24/02/16 has reported that there is no more mine operating or proposed within 1000 meters around the said 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. PP was also absent in the 31st SEAC meeting dated 15/06/2016. Committee decided to call the PP in subsequent meetings giving him last chance to present his case and even if the PP remains absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

3. Case No.-5269/2016 Shri Ehsan Khan, Owner, Village - Dodiya, Tehsil - Jaora, Dist. Ratlam, MP – 457001. Prior Environment Clearance for River Sand Deposit in an area of 6.160 ha. (1850 cum/year) at Khasra no.-218, 323, 99, Village-Raghunathgarh, Tehsil - Ratlam, Dist. Ratlam (MP)

This is case of River Sand Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-218, 323, 99, Village-Raghunathgarh, Tehsil - Ratlam, Dist. Ratlam (MP) 6.160 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: --- has reported that there is -- more mine operating or proposed within 1000 meters around the said mine.

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

4. Case No. 3214/15 Shri Kamal Singh S/o Shri Mangilal Choudhary, Vill.-Khandwa, Teh.-Dhar, District-Dhar (MP)-454001. Prior E.C for approval of Crusher Stone

Quarry Lease Area - 4.00 ha., Capacity - (47,500 cum/year) at Khasra No.-166/5/4, Vill.-Kalyansi Khedi, Teh.-Dhar, District-Dhar (MP)

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-166/5/4, Vill.-Kalyansi Khedi, Teh.-Dhar, District-Dhar (MP)

4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 786, dated: 29/04/15, has reported that there are 06 more mines operating or proposed within 1000 meters around the said mine with total area of -24.00 ha including this mine.

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

5. Case No. 4174/15 Shri Madhav Singh Yadav R/o Main Road, Chirgaon, District-Jhansi (UP)-284301 Prior Environment Clearance for approval of Stone Quarry in an area of 4.00 ha. (30,000 cum/year) at Khasra No.-630, 631, Village-Tatarpur, Tehsil-Bhander, District-Datia (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.-630, 631, Village-Tatarpur, Tehsil-Bhander, District-Datia (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 205, dated: 19/05/15, has reported that there are 11 more mines operating or proposed within 1000 meters around the said mine with total area of -29.64 ha including this mine.

The case was earlier scheduled in the 11th SEAC II meeting dated 09/03/2016 wherein it is recorded that "*Neither the Project Proponent (PP) nor his representative was present to*

explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month's time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project”.

The case was again scheduled for the presentation today but 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. Earlier PP was also absent in the 07th SEAC II and 11th SEAC II meeting. Committee decided that since sufficient opportunities have been given to the PP for appraisal and consideration of the project wherein PP remain absent, the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

6. Case No. –925/2012 Smt. Anita Mahawar W/o Shri Basant Kumar Mahawar, 5, Ashok Marg, Sadar Bazar, Jabalpur (M.P.) Environmental Clearance for our mining of Stone (Gitti) for stone crusher Lease area 2.00 ha.fpr Production Capacity-10,000 cum/year, at Khasra No. 312/1 in village Tamar, Tehsil Jabalpur, Dist. Jabalpur(M. P.)

This is case of Stone (Gitti). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No. 312/1 in village Tamar, Tehsil Jabalpur, Dist. Jabalpur (M. P.) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

The case was earlier discussed in the 169th SEAC meeting dated 27/01/2015 and was recommended for delisting as “*It was observed that Project Proponents of these projects have not responded / submitted the requisite information since long (Details enclosed as Annexure-1). Hence assuming that the proponents of these projects are not interested to continue with their projects these cases are recommended for delisting and further necessary action in the matter”.*

The case was relisted by SEIAA as per the discussion in their 338th meeting dated 04/06/2016 and the case file was sent to SEAC for re-appraisal vide letter no. 2123/SEIAA/16 dated 21/06/2016.

The case was placed before the committee but PP remains absent. Committee on perusal of documents observed that it is a case of minor mineral (stone) with an area of 2.00 ha and the

concerned Mining Officer vide letter no. 1352 dated: 17/07/15 has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 11.45 ha including this mine. The committee after deliberations recommends that the caase falls under the perview of DEIAA and thus may be transferred to DEIAA through SEIAA.

7. Case No.-1680/13 M/s Commercial Minerals, Mission Chowk, District Katni (MP)-483501. Environment Clearance for approval of Limestone Dolomite mine lease area 2.686 ha. at Khasra no.-205, Village - Pipariya, Tehsil-Sihora, Distt.-Jabalpur (M.P.)

This is case of Limestone Dolomite mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-205P.C No.-102, Vill. - Pipariya, Th.- Sihora, Distt.-Jabalpur (M.P.) 2.686 ha. The project requires prior EC before commencement of any activity at site.

The case was scheduled for the presentation in the 23rd SEAC II meeting 06/05/2016 wherein it is recorded that *“Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 12th SEAC II meeting dated 10/03/2016. Committee decided to give last 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 scheduled for the presentation today wherein it was informed to the committee that PP vide letter dated 06/06/2016 has requested for scheduling their presentation in the month of August,2016. Committee considered the request of the PP and decided that the PP may be called for the presentation in the meetings proposed in the month of August,2016 for presentation.

8. Case No. 484/2009-M/s Agrawal & Singh minerals Prop. Shri Upendra Singh R/o Vill. - Budwa P.O.Teh- Beohari Distt- Shahdol, Dhari No.1, ochre, white clay & Laterite mine 46.761 ha. at village Dhari, Teh- Beohari, Distt- Shahdol- M.P.

This is case of Dhari No.1, ochre, white clay & Laterite mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at village -Tihari, Teh-Rampur Baghelan, Distt- Satna-M.P. 46.761 Ha. The project requires prior EC before commencement of any activity at site.

The case was earlier scheduled in the 08th SEAC II meeting dated 20/02/2016 wherein it is recorded that “Neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings after hearing from PP. A request has to be made by the PP for scheduling the case in coming meetings within a month’s time after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project”.

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

9. Case No.-1294/2013 M/s. Sagar Mines Pvt. Ltd., Rai Colony, Katni (M.P.) M/s. Sagar Mines Pvt. Ltd., Rai Colony, Katni (M.P.) Environment Clearance for approval of Chhapra Marble Mine of 3.420 Hect.for production Capacity- of 41499 TPA(15660 cum/year), at Khasra no.-189, 190, 191, 192, 193, Village-Chhapra, Tehsil-Bahoriband, District Katni (M.P.). EIA Presentation

This is case of Chhapra Marble Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-189, 190, 191, 192, 193, Village-Chhapra, Tehsil-Bahoriband, District Katni (M.P.). The project requires prior EC before commencement of any activity at site.

The case was scheduled for the presentation today wherein it was informed to the committee that PP vide letter dated 12/07/2016 has requested for scheduling their presentation in the upcoming meetings of SEAC as due to unavoidable circumstances they are unable to attend today’s meeting. Committee after deliberations considered the request of PP and decided that the PP may be called for the presentation in the up-coming meeting of SEAC.

10. Case No. 3732/15 Shri Santosh Kumar Pandey S/o Shri Madan Mohan Pandey R/o Lal Bahadur Shastri Ward No. 2, Kothla, Tehsil-Katni, District-Katni (MP) Prior E.Cfor approval of Flag Stone Quarry in an area of 1.00 ha. (6,000 cum/year) at Khasra no.-78, 79, 85, Vill.-Hardua, Tehsil-Pawai, District-Panna (MP)

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-78, 79, 85, , Village-Hardua, Tehsil-Pawai, District-Panna (MP) 1.00 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.-1541, dated: 01/09/2014, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was earlier presented in the 240th SEAC meeting dated 05/11/2015 wherein it is recorded that:

“The case was presented by the PP and their consultant. During presentation it was noticed that earlier a case with similar details and location was discussed as follows in 170th. SEIAA meeting dated 15/12/15:

“Case No. – 1801/2014 Shri Santosh Kumar Pandey S/o Shri Madan Mohar Pandey, Lal Bahadur Shastri Ward No. 2, Kothla Katni, Tehsil & District- Katni (MP)-483501 Hardua Flagstone Quarry Lease Area –1.0 ha.,– at Village-Hardua, Tehsil-Pawai, District-Panna (MP) Lease Period – 10 Year, Capacity – 4800 Cu.mt./Year.”

Now the PP has re-applied with new case number as follows:

“Case No. 3732/15 Shri Santosh Kumar Pandey S/o Shri Madan Mohan Pandey R/o Lal Bahadur Shastri Ward No. 2, Kothla, Tehsil-Katni, District-Katni (MP)-483501. Prior Environment Clearance for approval of Flag Stone Quarry in an area of 1.00 ha. (6,000 cum/year) at Village-Hardua, Tehsil-Pawai, District-Panna (MP)”

All the details except the production quantity are same and the case was not recommended by the SEIAA in its 170th. SEIAA meeting dated 15/12/15. Thus the case is sent back to SEIAA for clarification that whether above facts has been brought to the notice of SEIAA and whether this case be treated as new case”.

SEIAA vide letter no. 2279/SEIAA/16 dated 30/06/2016 has sent the above file back to SEAC stating that PP has filed an appeal no.03/2016 in honourable NGT (CZ) Bhopal against the decision of MPSEIAA. Honourable NGT in the order no. 04 dated 20/05/2016 has directed to SEIAA for re-consideration of the case that í í

“In view of the above, we would allow this appeal and remained it back to SEIAA for reconsideration of the case based upon the facts mentioned with regard to the location of the mining lease area based upon fresh co-ordinates and than come to the conclusion on merits. The appeal is acooredingly disposed with the aforesaid direstions”.

The decision of Honøble NGT as above was discussed at length and it has been decided to open the case and appraise it a fresh in the light of the additional informations submitted by the PP regarding the use of road for transportation of material. The case file alongwith the copy of NGT order be sent to the SEAC for further necessary action.

The above case alongwith all the documents and NGT order order no. 04 dated 20/05/2016 were placed before the committee for perusal in the meeting as the case was scheduled for the presentation.

The case was scheduled for the presentation today wherein PP and their consultant were also present. It was observed by the committee that DFO vide letter no. 5110 dated 01/09/2014 has reported that forest area is 140 meters away for which PP has obtained the recommendations of Divisional Commissioner Level Committee in the meeting held on dated 05/02/2014 with certain conditions. It was also observed by the committee that Tehsildar vide letter no. 15 dated 28/01/2015 had issued a certificate that the transportation of flag stone will be done from the PMGSY road.

The case was presented by the PP and their consultant. The EMS and other submissions submitted by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure :-Aø

- Production of Flag Stone as per mine plan with quantity not exceeding 6,000 cum/year.
- No forest area should be used for the transportation of minerals.
- Conditions imposed by the Divisional Commissioner Level Committee should be fulfilled by the PP.

11. Case No.-5257/2016 M/s Siddharth Enterprises, 405, Kaithal House, South Civil Lines, Dist. Jabalpur Prior Environment Clearance for Crusher Stone/Murum Quarry in an area of 9.00 ha. for Production capacity Stone-50,476 & Murram -18698 cum/year at Khasra no.-25, 319/64, Village-Sarora, Tehsil - Jabalpur, Dist. Jabalpur (MP)

This is case of Crusher Stone/Murum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-25, 319/64, Village-Sarora, Tehsil - Jabalpur, Dist. Jabalpur (MP) 9.00 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.-418, dated: 02/03/16, has reported that there is no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant wherein after presentation, PP was asked to submit:

1. Revised EMP with enhanced budgetary provisions incorporating the details of transportation of minerals and road maintainence.
2. Top soil management plan.

12. Case No.-5249/2016 M/s S.N.Sunderson & Co., Opp. S-1/56, Sector-1, Dadda Dham, P.O. & District Katni, M.P – 483501. Prior Environment Clearance for Limestone & Dolomite Mine in an area of 4.76 ha. (50000 TPA) at Khasra no.-115, 118, 215, 216, 223, Village-Pondi, Tehsil - Dhimer Kheda Dist. Katni (MP)

This is case of Limestone & Dolomite Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-115, 118, 215, 216, 223, Village-Pondi, Tehsil - Dhimer Kheda Dist. Katni (MP) 4.76 Ha. The project requires prior EC before commencement of any activity at site.

Salient Feature of the Project

Sl. No.	Parameters	Description
1	Mining Lease Area & Type of land	Mine Lease area is 4.76 ha, The land use is waste land.
2	Geographical co-ordinates	Latitude : 23°40'01.9" to 23°40'11.7" N Longitude : 80°25'04.4" to 80°25'14.3" E
3	Name of Rivers/ Nallahs/ Tanks/ Spring/ Lakes etc	Seasonal Nalla – 900m NE Amehta Tank – 2 Km SW. Samrar Tank- 5.2 Km North. Niwar River – 5.5 kms West
4	Name of Reserve Forest(s), Wild life Sanctuary/ National parks etc.	Open mix jungle – 2.25 Km in NW, 1.6 Km East, 3.5 Km NE and 4.5Km SW. Bijhota RF-2.25 Km SE

5	Topography of ML area	The lease area is almost plain having general slope towards NNW. The highest elevation of the lease area is 426 m. A.M.S.L. in south west direction and the lowest elevation is 422 m AMSL in north direction
6	Name of Mineral mined	Limestone and Dolomite
7	Rate of Production (TPA)	50,000 TPA
8	Life of mine	17 Years at present level of exploration
9	Mineral Reserve in Tonnes	Probable Mineral Reserve, Limestone=746276 t. Dolomite= 18020 million tonne. Pre Feasibility Mineral Resource, Limestone=497700 t. Dolomite= 12600 tonne.
11	Mining Method	Opencast Other than fully mechanised method of mining will be adopted in the lease area
12	Drilling/ Blasting	Drilling and blasting has been proposed of hole dia less than 100 mm and upto 2.8m depth No deep hole drilling and blasting of large dia will be carried out.
	Ultimate Pit Slope	45°
13	Ultimate depth of Mining	17 meter below general ground level (upto 405 mRL)
14	Ground water level	40-45 meter BGL of 422 mRL
15	GWT intersection	Mining will be done above the ground water table. Hence ground water table will not be intersected.
16	Drainage pattern/ water courses	There is no stream crossing in the mine lease area. However the lease area main drainage is through seasonal water courses situated in NE side of the applied area which discharges into Samrar tank.
17	Water requirement & source	Total water requirement for dust suppression, plantation and drinking is 9 KLD. Water will be sourced from bore well in ML area as well as mine sump.
18	Employment Potential	40 people will get direct and 25 people will get indirect employment.
19	Working of the Days	275
20	Cost of project	Rs/- 10. 0 million.

Mining Lease Area

DISTRICT/ STATE	TEHSIL	VILLAGE	Khasra No.	Area (ha)
KATNI (M.P.)	DHIMARKHEDA	PONDI	115	1.13
			118	0.60
			215	2.12
			216	0.56
			223	0.35
		TOTAL		4.76

Land Use planning

Sl.No	Particular	Existing	5 th Year end	Mine life end
1	Total area excavated (broken)	1.50	2.9149	3.993
2	Area fully mined out (out of 1)	(0.035)	(0.035)	(3.993)
3	Area fully reclaimed/ Backfilled (out of 2)	Nil	(0.035)	(0.65)
4	Area rehabilitated out of 3 by afforestation (Out of 3)	Nil	(0.035)	(0.65)
5	Area reclaimed by water harvesting	Nil	Nil	(3.343)
6	Total area under dumps	0.40	1.0	Nil
7	Area under active dumps(Out of 6)	Nil	0.60	Nil
8	Area under Road	0.10	0.05	Nil
9	Area under Green belt	0.52	0.767	0.767
10	Area under infrastructure	0.01	0.01	Nil

The case was presented by the PP and their consultant. It being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Compliance of consent conditions of the MP Pollution Control Board should be obtained from concerned Regional Officer.
2. Top soil management plan be discussed in the EIA report.
3. Inventory of operating / proposed mines within 2 Km around the said mine should be provided in the EIA report.
4. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
5. Any alternate route avoiding the nearby habitations (if any).

13. Case No.-5250/2016 M/s Ismail & Sons, Mission Chowk, Main Road, NH-7, PO & District - Katni, MP-483501 Prior Environment Clearance for Limestone Mine in an area of 7.358 ha. (125000 TPA) at Khasra no.-Old-579, 580, 581, 584/1, 590/2, 584/2, 631, 632/1, 691/1, 692/1, 692/2, 693/1, 639/2, New-126, 127, 128, 129, & 131, Village-Bistara, Tehsil - Murwara Dist. Katni (MP)

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra no.-Old-579, 580, 581, 584/1, 590/2, 584/2, 631, 632/1, 691/1, 692/1, 692/2, 693/1, 639/2, New-126, 127, 128, 129, & 131, Village-

Bistara, Tehsil - Murwara Dist. Katni (MP) 7.358 Ha. The project requires prior EC before commencement of any activity at site.

Salient Feature of the Project

Sl. No.	Parameters	Description
1	Mining Lease Area & Type of land	Mine Lease area is 7.358 ha, The land use is waste land.
2	Geographical co-ordinates	Latitude : 23°58'24.3" to 23°58'36.8" N Longitude : 80°27'34.1" to 80°27'45.8" E
3	Name of Rivers/ Nallahs/ Tanks/ Spring/ Lakes etc	Kevlari Nala at 9.1 km in SE Bansagar lake at a distance of 36 Km in East.
4	Name of Reserve Forest(s), Wild life Sanctuary/ National parks etc.	No Reserve Forest(s), Wild life Sanctuary/ National parks etc. is present within the Study area. Open mixed jungle – 500m north
5	Topography of ML area	The lease area is almost flat having gentle slope towards south. The highest elevation of the lease area is 387 m R.L. towards north direction and the lowest elevation is 384m R.L. in south direction.
6	Name of Mineral mined	Limestone
7	Rate of Production (TPA)	1,25,000 TPA
8	Life of mine	7 Years at present level of exploration
9	Mineral Reserve in Tonnes	Proved Mineral Reserve, Limestone=534582 t. Pre Feasibility Mineral Resource, Limestone=635318 t.
11	Mining Method	Opencast OTFM method of mining has been proposed.
12	Drilling/ Blasting	Drilling and blasting has been proposed with 33 mm dia holes upto a depth of 1.5m. No deep hole drilling and blasting of large dia will be carried out.
	Ultimate Pit Slope	45°
13	Ultimate depth of Mining	368 m AMSL (44 meter above the GWT)
14	Ground water level	60 – 65 meter BGL of 384 mAMSL
15	GWT intersection	No intersection of GWT, as the mining operations are carried out about 44 m above the GWT.
16	Drainage pattern/ water courses	The lease area is drained by southerly flowing non-perennial nallas originating from the foot of Kymore range confluencing in Mahanadi river in S-E of the lease area.
17	Water requirement & source	Total water requirement for dust suppression, plantation and drinking is 15 KLD. Water will be sourced from bore well in ML area as well as mine sump.
18	Employment Potential	20 people will get direct and 50 people will get indirect

		employment.
19	Working of the Days	275 days
20	Cost of project	Rs/- 1.0 Crores

Mining Lease Area

Sr. No.	Old Khasra No.	Area	New Khasra No.	Sr. No.	Old Khasra No.	Area	New Khasra No.
01	579	0.749	127	10	691/1	0.708	126
02	580	0.668		11	692/1	0.858	
03	581	0.449		12	692/2	0.243	128
04	584/1	0.271	129	13	693/1	0.769	126
05	590/1		14	693/2	0.583		
06	590/2	0.405	131		Total	7.358	
07	584/2	0.178					
08	631	1.194	129				
09	632/1	0.283					

Land Use planning

Sl.No.	Particular	Existing	5 th Year end/ Lease Period
1	Total area excavated (broken)	2.63	(4.24)
2	Area fully mined out (out of 1)	0	(4.24)
3	Area fully reclaimed (Backfilled out of 2)	0	(0.12)
4	Area rehabilitated out of 3 by afforestation	0	0.12
5	Area reclaimed by water harvesting	0	4.12
6	Total area under dumps	3.11	0
7	Area under active dumps	0	0
8	Area under mineral stack	0	0
9	Area under Road	0	0
10	Area under plantation	0	2.918
11	Area under Canal	0.20	0.20

The case was presented by the PP and their consultant wherein PP submitted that they have already collected the data. It being a case of major minerals committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Compliance of consent conditions of the MP Pollution Control Board should be obtained from concerned Regional Officer.
2. Top soil management plan be discussed in the EIA report.
3. Ground water recharge study of the nearby area be carried out by the PP and same should be discussed in the EIA report.
4. Inventory of operating / proposed mines within 2 Km around the said mine should be provided in the EIA report.
5. Evacuation Plan on a map to be provided with transport route, required infrastructure and man-power.
6. Any alternate route avoiding the nearby habitations (if any).

14. Case No. – 3023/2015 Shri Ajay Pal Singh, Director, M/s Jindutt Minerals Pvt. Ltd., 6th km Sagar Road, Post Office-Dhadari, District-Chhatarpur (M.P.)-471001. Khera Majora Iron Ore Deposit Lease Area - 4.60 Ha., Capacity - 1,14,750 TPA, at Compartment No.- 308,(Khera Majora, Forest Range- Bakswaha, Forest Block- Khera Majora) Vill.- Khera Majora, Teh.-Bijawar, District-Chhatarpur (M.P.) EIA Presentation

This is a case of Iron Ore Mining in a lease area of 4.60 Ha, with proposed production capacity of 11470 TPA. The mine is located at Compartment No.- 308,(Khera Majora, Forest Range- Bakswaha, Forest Block- Khera Majora) Vill.- Khera Majora, Teh.-Bijawar, District-Chhatarpur (M.P.). The project is covered as item 1(a) in the schedule of EIA notification hence requires prior EC from SEIAA before commencement of any activity at site. The application for grant of prior EC was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA and prepare EMP for the project.

LOCATION

The mining area is located in Forest Block ó Khera Majora, Compartment No. 308, Forest Range ó Baxwaha, Forest Division ó Chhatarpur, state of Madhya Pradesh. The lease area is 64 kms aerielly from Distt. Headquarter Chhatarpur (M.P.). The area can be approached by own conveyance from Chhatarpur-Sagar National Highway 86 upto Darguwan-tigaila which

is 64km from Chhatarpur via Bada Malehra and then 7 km on Darguwan-Dardonia fair weather road.

Latitude: 24^o23'26.8" to 24^o23'36.2" North
Longitude: 79^o18'37.8" to 79^o18'51.1" East

Details of Project

Project Name	Khera Majora Iron Ore Deposit	
Location of the Project	Forest Block . Khera Majora, Compartment. P 308, Forest Range . Baxwaha, Forest Division . Chhatarpur, state of Madhya Pradesh.	
Mine Lease Area	4.60 Ha.	
Toposheet Number	54P/7	
Type of Land	Protected forest	
Elevation	Highest Elevation: 370 m AMSL Lowest Elevation : 328 m AMSL	
Climatic Conditions at IMD Chhatarpur	Temperature	Max:32.4 ^o C Min: 8.1 ^o C
	Wind Speed Range	0.1 KMPH to 9.8 KMPH
	Predominant Wind Direction	Blowing from North East
Project Cost	2 Crore.	
Man Power & No. of Working days	143 person for 275 Days/Year.	
Probable Mineral Reserves	10,32,075 Tonnes	
Pre Feasibility Mineral Resource	230175 Tonnes	
Inferred Mineral Resource	1850850 Tonnes	
Targeted Production	1,14,750 TPA.	
Validity of Lease	50 Years from 17.11.2015 to 16.11.2065	
Seismic Zone	Seismic Zone III as per IS-1893 (Part-1)-2002	
End use of Product	The Iron ore will be supplied to steel plants, Sponge Iron plants. The low grade Ore will be supplied to cement plants and pelletization and beneficiation plants.	
Nearest Town	Bada malhera 19 Km in N Direction	
Nearest Airport	Khajuraho Airport at 77 Km in NE Direction.	
Nearest Railway Station	Khajuraho Railway Station at 80 Km in NE Sagar Railway Station at 84 /km in SW Direction.	
Nearest Highway	National Highway 86 at 5.97 Km in NW Direction State Highway 51 at a distance of 4.58 Km in North Direction	
Nearest Water Bodies	Water Course (i) Sukku Nadi - 1.5 Km North (ii) Khera Nalla - 1.0 Km ENE (iii) Barana Nadi . 10.0 Km East (iv) Sifa Nadi. 3.0 Km West	
Historical Monuments (in 10 Km Buffer)	None within the study Area.	
Status of Protected/ Other Areas (in 10 Km Buffer)	Forest (i) Khera Majora PF . Within ML area (ii) Protected Forest. 4.0 km south (iii) Bakswaha PF . 7.0 Km South (iv) Sarwa PF . 4.0 Km North	
Nearest Dispensary & Govt. Hospital	Matangeshwar Medical Hall 14.75 Km NE Direction	

Govt. Hospital (Sevagram)- 24.90 Km in NE and Badamalhera.
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Break-Up of Land Utilization Pattern (Area in ha)

S.NO	LAND USE	Existing	Fifth Year	Lease Period end /Mine Life
1	Total area excavated (broken)	Nil	2.174	3.955
2	Area fully mined out (out of 1)	Nil	Nil	(3.955)
3	Area fully reclaimed (Backfilled out of 2)	Nil	Nil	(3.955)
4	Area rehabilitated out of 3 by afforestation	NA	Nil	(3.955)
5	Area rehabilitated by water harvesting	Nil	Nil	Nil
6	Total area under dumps	Nil	Nil	Nil
7	Area under active dumps	Nil	Nil	Nil
8	Area under mineral stack	Nil	Nil	Nil
9	Area under Road	Nil	0.10	Nil
10	Area under Green belt (i.e. plantation on area other than dump and backfilled area)	Nil	0.645	0.645
11	Area under infrastructure	Nil	0.01	Nil
12	Garland Drain & Bund	Nil	0.02	Nil
TOTAL				4.60

Salient features of the project PFR and the proposed TOR were presented before the committee by the PP and his consultant in the 204th SEAC meeting dated 04/07/2015. After deliberations committee has issued following TORsø in addition to the standard TORsø prescribed by the MoEF & CC:

- Cumulative impact addressing all the mines in proximity.
- Drainage pattern to be studied to evaluate the impacts on water bodies.

The PP had submitted the EIA report which was placed in this agenda for the presentation. The case was presented by the PP and their consultant. During presentation it was observed by the committee that ML area lies in the forest area for which MoEF&CC has issued necessary permissions vide their letter no. 2174 dated 29/11/2010 and 999 dated 05/08/2015. It was decided by the committee that the conditions stipulated by the MoEF&CC vide their letter no. 2174 dated 29/11/2010 and 999 dated 05/08/2015 should be complied by the PP. After presentation, PP was asked to provide response on following:

1. The values of PM10 are higher comparatively to the values of nearby villages for which proper justification with reason be submitted.

2. The values of PM10 at project site are 55.15ug/m³ while the values of free silica are only 2.05ug/m³. PP was asked to provide the details of other material present in the PM10 values of 55.15 ug/m³.
3. Input data sheet of ISCST3 software used for GLC should be provided.
4. It was observed that the values of TDS in ground water samples are on comparatively higher side (for example 924.49 mg/l) thus PP was asked to provide proper justification for the higher values of TDS in ground water.
5. It was also observed that in surface water sample the values of Fluoride are reported as 2.4 mg/l (SW-2) which is abnormally high. Thus PP was asked to provide proper justification for the higher values of Fluoride in surface water.

(R. K. Sharma, Member)

(Mohd. Kasam Khan, Member)

(Dr.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 doen as per the submiited land use plan submiited 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. Heavy vehicles shall not be allowed on the banks for loading of sand.
6. The sand shall be transported by small trolleys up to the main transport vehicle.
7. Transport vehicles will be covered with taurpoline to minimize dust/sand particle emissions.
8. For carrying out mining in proximity to any bridge and/or embankment, appropriate safety zone on upstream as well as on downstream from the periphery of the mining site shall be ensured taking into account the structural parameters, location aspects, flow rate, etc., and no mining shall be carried out in the safety zone.
9. No Mining shall be carried out during Monsoon season.
10. The depth of mining shall be restricted to 3m or water level, whichever is less.
11. No in-stream mining shall be allowed.
12. The mining shall be carried out strictly as per the approved mining plan and ensure that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
13. Established water conveyance channels should not be relocated, straightened, or modified.
14. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
15. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
16. PP shall take Socio-economic activities in the region through the Gram Panchayat
17. EC will be valid for mine lease period subject to a ceiling of 5 years.
18. Mining should be doen as per the submiited land use plan submiited by PP.