

The 25<sup>th</sup> meeting of the Second State Expert Appraisal Committee (SEAC-II) for mining projects was held on 17<sup>th</sup> May, 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.

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

1. **Case No. -5165/16 Shri R.K. Nema, DGM, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011. Prior Environment Clearance for River Sand Mine project in an area of 17.500 ha. (2,62,500 cum/year) at Khasra No.-181/1, Village-Rajon, Tehsil-Babai, District-Hoshangabad (MP)**

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-181/1, Village-Rajon, Tehsil-Babai, District-Hoshangabad (MP) 17.500 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 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.3988, dated: 24/3/16, has reported that there are 02 more mines operating or proposed within 1000 meters around the said mine with total area of -21.905 ha including this mine.

The case was scheduled for presentation today but Dy. G.M., M. P. State Mining Corporation & OIC, Hoshangabad vides their letter no. 396 dated 16/05/2016 requested for postponement of today's presentation. Considering the request of Dy. G.M., M. P. State Mining Corporation & OIC, Hoshangabad committee decided to give another opportunity for presentation in cucomming meetings of SEAC.

2. **Case No. -5166/16 Shri R.K. Nema, DGM, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011. Prior Environment Clearance for River Sand Mine project in an area of 22.500 ha. (4,50,000**

**cum/year) at Khasra No.-01, Village-Maroda, Tehsil-Itarsi, District-Hoshangabad (MP)**

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

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

The case was scheduled for presentation today but Dy. G.M., M. P. State Mining Corporation & OIC, Hoshangabad vides their letter no. 396 dated 16/05/2016 requested for postponement of today's presentation. Considering the request of Dy. G.M., M. P. State Mining Corporation & OIC, Hoshangabad committee decided to give another opportunity for presentation in cucomming meetings of SEAC.

**3. Case No. -5169/16 Shri Jitendra Singh, Sub Lessee of MPSMCL, M/s Shiva Corporation India Pvt. Ltd., 312, Ganpati Plaza, M.I. Road, Jaipur (RJ)-470007. Prior Environment Clearance for River Sand Quarry in an area of 20.00 ha. (2,00,000 cum/year) at Khasra No.-735, Village-Boras, Tehsil-Udaipura, District-Raisen (MP)**

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-735, Village-Boras, Tehsil-Udaipura, District-Raisen (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 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. 1535, dated: 18/11/15, has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of -22.023 ha including this mine.

The case was presented by the PP and their consultant wherein it was observed that a road bridge is at a distance of 230 meters in western side is in existence. 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 :-Bø

- Production of Sand as per mine plan with quantity not exceeding 2,00,000 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.

4. **Case No. -5170/16 Shri Gagan Singh Yadav S/o Shri Chain Singh Yadav, Owner, Latahedi, Tehsil-Pachore, District-Rajgarh (MP)-465683. Prior Environment Clearance for Auction River Sand mining in an area of 12.371 ha. (720 cum/year) at Khasra No.-1, 713, Village-Sewas Teekriya, Tehsil-Pachore, District-Rajgarh (MP)**

This is case of Auction River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-1, 713, Village-Sewas Teekriya, Tehsil-Pachore, District-Rajgarh (MP) 12.371 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no. 423, dated: 25/05/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant wherein the 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 :-Bø

- Production of Sand as per mine plan with quantity not exceeding 720 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.

5. **Case No. -5171/16 Shri R.K. Nema, DGM, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011 Prior Environment Clearance for River Sand Quarry in an area of 0.405 ha. (5,265 cum/year) at Khasra No.-181/1, Village-Rajon, Tehsil-Babai, District-Hoshangabad (MP)**

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-181/1, Village-Rajon, Tehsil-Babai, District-Hoshangabad (MP) 0.405 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.3988, dated: 24/3/16, has reported that there are 02 more mines operating or proposed within 500 meters around the said mine with total area of -39.405 ha including this mine.

The case was scheduled for presentation today but Dy. G.M., M. P. State Mining Corporation & OIC, Hoshangabad vides their letter no. 396 dated 16/05/2016 requested for postponement of today's presentation. Considering the request of Dy. G.M., M. P. State Mining Corporation & OIC, Hoshangabad committee decided to give another opportunity for presentation in cucomming meetings of SEAC.

6. **Case No. -5172/16 Shri Tejendra Singh, M/s Digiana Industries Pvt. Ltd., Sub Lessee of M.P. State Mining Corporation Limited, G-1, M-3, Sapna Chambers, 12/1, South Tukoganj, Indore (MP)-452001. Prior Environment Clearance for River Sand mining in an area of 12.140 ha. (1,20,000 cum/year) at Khasra No.-245, Village-Janjna, Tehsil-Rehti, District-Sehore (MP)**

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-245, Village-Janjna, Tehsil-Rehti, District-Sehore (MP) 12.140 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no.293 dated: 02/02/2016 has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was scheduled for the presentation today but PP or his authorized representative remains absent. The committee decided to give another chance to PP for presentation in the upcoming meetings of SEAC and even if PP remains absent case may be recommended for delisting to SEIAA assuming that PP is not interested to take up the project.

7. **Case No. -5173/16 Shri Raman Singh Yadav S/o Shri Mohan Singh Yadav, Lessee, Vidisha Road, Lambardar Gali, 8/345, District-Ashok Nagar (MP)-402408. Prior Environment Clearance for Sand Deposit Mining Quarry in an area of 6.355 ha. (3,040 cum/year) at Khasra No.-01, Village-Kelaras, Tehsil-Shadora, District-Ashok Nagar (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-01, Village-Kelaras, Tehsil-Shadora, District-Ashok Nagar (MP) 6.355 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 no more mine operating or proposed within 1000 meters around the said mine.

The case was scheduled for the presentation today but PP or his authorized representative remains absent. The committee decided to give another chance to PP for presentation in the upcoming meetings of SEAC and even if PP remains absent case may be recommended for delisting to SEIAA assuming that PP is not interested to take up the project.

8. **Case No. -5174/16 Shri R.K. Nema, DGM, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011. Prior Environment Clearance for River Sand Quarry in an area of 10.00 ha. (1,00,000 cum/year) at Khasra No.-404, Village-Goramachurai, Tehsil-Badi, District-Raisen (MP)**

This is case of River Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No.-404, Village-Goramachurai, Tehsil-Badi, District-Raisen (MP) 10.00 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.376, dated: 24/3/16, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of -30.809 ha including this mine.

The case was scheduled for presentation today but Dy. G.M., M. P. State Mining Corporation & OIC, Hoshangabad vides their letter no. 396 dated 16/05/2016 requested for postponement of today's presentation. Considering the request of Dy. G.M., M. P. State Mining Corporation & OIC, Hoshangabad committee decided to give another opportunity for presentation in upcoming meetings of SEAC.

9. **Case No. -5185/16 Shri Rajeev Saxena, DGM, Sub Office-Dhar, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011. Prior Environment Clearance for Sand Mine Deposit in an area of 5.00 ha. (35,640 cum/year) at Khasra No. 88 at Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP)**

This is case of Sand Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 88 at Village-Jalkoti, Tehsil-Maheshwar, District-Khargone (MP) 5.00 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.--, dated: ---, has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of -29.43 ha including this mine.

The case was scheduled for presentation today but Dy. G.M., M. P. State Mining Corporation & OIC, Dhamnod, Dhar vides their letter no. 58 dated 16/05/2016 requested for postponement of today's presentation. Considering the request of Dy. G.M., M. P. State Mining Corporation & OIC, Dhamnod, Dhar committee decided to give another opportunity for presentation in cucomming meetings of SEAC.

10. **Case No. -5191/16 Shri Rajeev Saxena, DGM, Sub Office-Dhar, MP State Mining Corporation, Paryavas Bhawna, Block-A, 2nd Floor, Jail Road, Arera Hills, Bhopal (MP)-462011. Prior Environment Clearance for Sand Mine Deposit in an area of 14.154 ha. (56,250 cum/year) at Khasra no.-105/1/1/1, Village-Jalood, Tehsil-Maheshwar, District-Khargone (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no.-105/1/1/1, Village-Jalood, Tehsil-Maheshwar, District-Khargone (MP) 14.154 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 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: 30/4/16, has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of -29.154 ha including this mine.

The case was scheduled for presentation today but Dy. G.M., M. P. State Mining Corporation & OIC, Dhamnod, Dhar vides their letter no. 58 dated 16/05/2016 requested for postponement of today's presentation. Considering the request of Dy. G.M., M. P. State Mining Corporation & OIC, Dhamnod, Dhar committee decided to give another opportunity for presentation in cucomming meetings of SEAC.

11. **Case No.4371/15 Shri Kailash Chandra Gupta, M/s Esteem Infrabuild Pvt. Ltd., P-4, Lal Bahadur Nagar, Durgapura, Jaipur (Raj.) Prior Environment Clearance for**

**approval of Sand Quarry in an area of 17.456 ha. (87,280 cum/year) at Khasra no -821, Village-Basai, Tehsil-Bhitarwar, District-Gwalior (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no -821, Village-Basai, Tehsil-Bhitarwar, District-Gwalior (MP) 17.456 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. ---, dated: 13/08/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was earlier presented in the 258<sup>th</sup> SEAC meeting dated 05/01/2016 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Bø

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

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

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

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

The case was scheduled for presentation today but OIC, M. P. State Mining Corporation their letter no. 250 dated 16/05/2016 requested for postponement of today's presentation as he has to appear before Additional Session Court. Considering the request of OIC, M. P. State



Mining Corporation & OIC, Dhamnood, Dhar committee decided to give another opportunity for presentation in cucomming meetings of SEAC.

12. **Case No. 5156/16 Shri Abhinay Singh Thakur S/o Ramjiyawan Singh Thakur, Owner, 41, Nayagawan, Housing Board Society, Rampur, Jabalpur (MP)-482008. Prior Environment Clearance for Boulder Stone Deposit in an area of 11.16 ha. (60,000 cum/year) at Khasra No. 217 at Village-Ainthakhera, Tehsil-Jabalpur, District-Jabalpur (MP)**

This is case of Boulder Stone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 217 at Village-Ainthakhera, Tehsil-Jabalpur, District-Jabalpur (MP) 11.16 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. 1655, dated: 04/09/14, has reported that there is 02 more mines operating or proposed within 500 meters around the said mine with total area of -17.36 ha including this mine.

The case was presented by the PP and their consultant and during presentation it was observed that the site is a hillock and is in the near vicinity of a village. Thus the committee after presentation decided that on the basis of above, PP should submit a comprehensive EMP through QCI/NABET accredited consultant addressing following issues:-

- a. Management and disposal plan of OB.
- b. Surface plan showing location and size of settling tanks and garland drains.
- c. Management of mine water discharge.
- d. Transportation and evacuation plan of minerals considering production volume of all the mines within 500 meters radius.
- e. Location and distance of all the nearby villages within 500 meters radius from this mine marked on a satellite imagenary and proposed pollution control measures.

13. **Case No. 5157/16 Shri Abhay Khandelwal, Authorized Signatory, M/s Khandelwal Metal Works, PD-7, Perfect Enclave, Sneh Nagar, Jabalpur (MP). Prior Environment Clearance for Granite Deposit in an area of 24.60 ha. (Granite-12,393 & Salable Waste Material-46,500 cum/year) at Khasra No. 27, 28, 32, 33, 40, 42/1 at Village-Dataya-Shahgarh, Tehsil-Sagar, District-Sagar (MP) (TOR)**

This is case of Granite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 27, 28, 32, 33, 40, 42/1 at Village-Dataya-Shahgarh, Tehsil-Sagar, District-Sagar (MP) 24.60 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. 12864-66, dated: 29/07/15, has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of -28.54 ha including this mine.

The case was presented by the PP. Itø being a case of minor mineral having cumulative area >25.00 ha , 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 TORø:-

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. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional officer.
5. The lease is in two parts whcih is connected by a strip of land. PP should provide in EIA report the avability of mineral in this area and in nearby area.

**14. Case No. -5167/16 Shri Shambhu Nath, Director, 1119, Village-Tilhara, Post-Bilhari, Than-Kent, District-Jabalpur (MP)-482001. Prior Environment Clearance for Basalt Stone Quarry in an area of 8.930 ha. (86,700 cum/year) at Khasra No. 229 to 249 at Village-Khamhariya, Tehsil-Jabalpur, District-Jabalpur (MP)**

This is case of Basalt Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site Khasra No. 229 to 249 at Village-Khamhariya, Tehsil-Jabalpur, District-Jabalpur (MP) 8.930 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 2229 dated: 01/12/15, has reported that there is one more mine operating or proposed within 500 meters around the said mine with total area of 10.640 ha including this mine.

The case was presented by the PP and their consultant wherein during presentation it was observed that a canal is in existence at a distance of 100 meters from the QL. 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 -A

- Production of Stone as per mine plan with quantity not exceeding 86,700 cum/year.
- A canal is 100 meters away from the QL thus garland drain with settling tank of suitable capacity be provided all around the QL area.

**15. Case No. -5160/16 M/s J.K. Mineral, Main Road, District-Balaghat (MP). Prior Environment Clearance for Manganese Ore Mining Project in an area of 3.38 ha. (3,000 TPA) at Khasra NO. 526, 527, 545 at Village-Katangjhari, Tehsil-Lalaburra, District-Balaghat (MP) (TOR)**

This is case of Manganese Ore Mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra NO. 526, 527, 545 at Village-Katangjhari, Tehsil-Lalaburra, District-Balaghat (MP) 3.38 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP. It being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TORs:-

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. Hydrogeological studies should be carried out and be discussed in the EIA report.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional officer.
6. Detailed plantation scheme with budgetary allocations be provided in the EIA report.
7. Mine water management plan be provided in the EIA report.

16. **Case No. -5164/16 Shri Ashok Katare, M/s Associated Lime Company, Mission Chowk, District-Katni (MP). Prior Environment Clearance for Limestone Deposit in an area of 7.035 ha. (expansion from 58,000 to 2,08,778 TPA) at Khasra No. 61 and 63 at Village-Nanhwara, Tehsil-Vijayraghgarh, District-Katni (MP) (TOR)**

This is case of Limestone Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 61 and 63 at Village-Nanhwara, Tehsil-Vijayraghgarh, District-Katni (MP) 7.035 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.-5050, dated: 23/11/15, has reported that there are 09 more mines operating or proposed within 500 meters around the said mine with total area of 220.581 ha including this mine.

The case was presented by the PP. Itø 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 TORø:-

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. HI line is crossing the lease and thus this issue should be discussed in the EIA report.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional officer.
6. Detailed plantation scheme with budgetary allocations be provided in the EIA report.
7. Mine water management plan be provided in the EIA report.

17. **Case No. -5168/16 M/s D.P. Rai, "Nanhaka", 10, East High Court Road, Ramdeshpeth, Nagpur (MS). Prior Environment Clearance for Mangnese Ore Deposit in an area of 4.232 ha. (expansion from 2,000 to 3,600 TPA) at Khasra No. 1, 2P, 4P, 9P, 10P, 11P at Village-Pandharwani, The.-Khairlanji, District-Balaghat (MP) (TOR)**

This is case of Mangnese Ore Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 1, 2P, 4P, 9P, 10P, 11P at Village-

Pandharwani, The.-Khairlanji, District-Balaghat (MP) 4.232 ha. The project requires prior EC before commencement of any activity at site.

The case was presented by the PP. It being a case of major mineral UG mine, 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 TORs:-

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. Hydrogeological studies should be carried out and be discussed in the EIA report.
5. Compliance of consent conditions of M. P. Pollution Control Board from concerned Regional officer.
6. Detailed plantation scheme with budgetary allocations be provided in the EIA report.
7. Mine water management plan be provided in the EIA report.

**18. Case No. - 3958/15 Shri Aksha Kaushik, Manager, M/s Laxmi Gaur Marble & Minerals India (P) Ltd., A-44, New ACC Colony, Madhan Nagar Road, Katni. Prior Environment Clearance for approval of Marble Mine in an area of 2.36 ha. (10,000 cum/year) at khasra No.-197/1, 197/3, 199 & 200, Vill.-Nimas, Tehsil-Bahoriband, District-Katni (MP)**

This is case of Marble Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at khasra No.-197/1, 197/3, 199 & 200, Vill.-Nimas, Tehsil-Bahoriband, District-Katni (MP) 2.36 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.-3475, dated: 22/08/15, has reported that there are 04 more mines operating or proposed within 500 meters around the said mine with total area of 23.55 ha including this mine.

The case was earlier discussed in the 263<sup>rd</sup> SEAC meeting dated 11/01/2016 wherein it being a case of Marble mining having other mines within 500 meters radius with an cumulative area 23.55ha and existence of two villages, it was decided to consider this case as B-1 category and

committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA with following additional conditions:-

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

The TOR was also issued to this lease vide board's letter no. 342 dated 02/03/2016. SEIAA vide their letter no. 990/SEIAA/26/04/2016 has forwarded a request of PP (submitted vide letter no. 007 dated 26/04/2016) wherein PP has requested that as per the GoI, MoEF&CC gazette notification dated 15/01/2016 their this case be appraised as B2 category and TOR should be withdrawn. PP further submitted that he may carryout comprehensive EMP addressing the issue of nearby villages. The case was presented by the PP and their consultant wherein committee decided to recommend this case for comprehensive EMP in place of TOR through QCI/NABET accredited consultant addressing following issues:-

- a. Inventory of operating / proposed mines within 2 Km around the said mine.
- b. Inventory of all sensitive receptors in 2 Km & 5 Km around the mine.
- c. Top soil management plan.
- d. Management and disposal plan of OB.
- e. Detailed plantation scheme with budgetary allocations.
- f. Detailed landuse plan stagewise.
- g. Surface plan showing location and size of settling tanks and garland drains.
- h. Management of mine water discharge.
- i. Transportation and evacuation plan of minerals considering production volume of all the mines within 500 meters radius.
- j. Location and distance of all the nearby villages within 500 meters radius from this mine marked on a satellite imagery and proposed pollution control measures.

**19. Case No. – 2362/2015 M/s Mehmaan Crushing Plant Prop. Shri Nand Kishore Singh, Res. Vill- Bara Saman, Distt-Rewa (M.P.)-486001 (M-9981380744). Prior Environment Clearance for approval of Dadhi Stone Mine in 1.307 Ha.at Khasra No. 277/1, 277/4, 345/1, 347/1, Lease Period Ten Year at Village-Dadhi, Tehsil-Huzur, District-Rewa (MP) Capacity – 5,000 cum/Year.**

This is case of Dadhi Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra No. 277/1, 277/4, 345/1, 347/1, Village-Dadhi, Tehsil-

Huzur, District-Rewa (MP) 8.930 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.-1457, dated: 08/09/14, has reported that there are 07 more mine operating or proposed within 500 meters around the said mine with total area of 20.248 ha including this mine.

The case was considered in the 180<sup>th</sup> meeting dated 26/03/2015, whereby it was observed by the committee that the drawings attached with the applications were not matching with the khasra map, PP submitted that by mistake these plans were appended/ attached with the application. PP was asked to clarify the same and submit the plans approved by the competent authority to SEAC. The same were submitted by the PP and examined by the committee.

The case was again discussed in the 213<sup>th</sup> SEAC meeting dated 08/08/2015 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure :-Aø

- Production of stone boulder shall be as per the approved mining plan restricted to 5000 cum / Year.

SEIAA vides letter no. 10284/SEIAA16 dated 05/01/2016 has sent back the file to SEAC for re-appraisal as details of existing leases within 500 meters are revised by mining officer vides letter no. 2384 dated 26/11/2015.

The case was presented by the PP and their consultant wherein it was observed that the site in in close proximity of village and village road road whcih are approx. at a distance of 90-100 meters. Thus committee decided that PP may be asked to provide a barrier wall of 03 meter high towards village site. 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 :-Aø

- Production of stone boulder shall be as per the approved mining plan restricted to 5000 cum / Year.
- PP should provide a barrier wall of 03 meter high of suitable material towards village side.

**20. Case No. -1822/14 Shri Prakash Topnani, A-49, New ACC Colony, Katni (MP)-483880. Prior Environment Clearance for approval of proposed Rituwa Limestone Mine in an area of 09.05 ha at Khasra no.-184 & 197, Village-Rituwa, Tehsil-Bahoriband, District-Katni (MP). EIA Consultant: J. M. EnviroNet Pvt. Ltd. Gurgaon. (EIA Query presentation)**

This is a project pertaining to mining of limestone, in MLA of 9.05 ha. The proposed site at Khasra no.-184 & 197, Village-Rituwa, Tehsil-Bahoriband, District-Katni (MP). The activity is mentioned at S.N. 1 (a) of the Schedule of EIA Notification 2006 as amended from time to time. The project is reported to be at a distance of more than 5 Km from the interstate boundary; thus is not attracted by the general conditions and falls under category 'B-1ö by virtue of its location and mining lease area. Hence the project requires prior Environmental Clearance from the SEIAA. The case was forwarded by SEIAA to SEAC for scoping so as to determine TORs to carry out EIA and prepare EMP for the project.

**PROJECT PROPOSAL**

Project Activity	Rituwa limestone mining project (ML Area 9.05 Ha) with Production capacity of Limestone: 28,127 TPA
Location of Project	Village: Rituwa, Tehsil: Bahoriband, District: Katni (Madhya Pradesh)
Status of Lease	<ul style="list-style-type: none"> <li>✓ Letter of Intent was issued by Madhya Pradesh State Government vide their Letter No. 36142/ 98/12/2, Bhopal on 18.11.2002 for the period of 20 years i.e. upto 17/11/2022</li> <li>✓ Mining Plan with progressive mine closure plan has been approved by IBM vide letter No: MP/KATNI/Limestone/M.Scheme-30/13-14/92 dated 03.01.2014.</li> </ul>



**The reclamation plan, post mine land use and progressive green belt development plan**

S. No.	Description	Land Use (Area in Ha)				
		Plantation	Public Use	Water Body	Un-disturbed	Total
1.	Top Soil Dump	-	-	-	-	-
2.	Waste Dump	0.8979	-	-	-	0.8979
3.	Excavation (Voids) Reclaimed(Backfilled)	-	0.6926	1.7435	-	1.7435 0.6926
	Total					2.4361
4.	Road	-	-	-	-	-
5.	Infrastructure (Workshop, administrative building, crusher etc.)	-	-	-	-	-
6.	Town Ship Area	-	-	-	-	-
7.	Afforestation & Green belt (Including plantation on Road side, along the pits)	1.20	-	-	-	1.20
8.	Mineral/Sub-Grade Mineral Storage	-	-	-	-	-
9.	Undisturbed Area	4.516	-		-	4.516
	Total	6.6139	0.6926	1.7435	-	9.05

**POST-MINING LAND USE**

Year	Un-worked Area		Plantation on Benches		Waste Dump		Total		Cost (Rs.)
	Area (ha)	No. of Trees	Area (ha)	No. of Trees	Area (ha)	No. of Trees	Area (ha)	No. of Trees	
Existing	-	-	-	-	-	-	-	-	-
I	1.11582	1675	-	-	-	-	1.11582	1675	50250
II	1.11582	1675	-	-	-	-	1.11582	1675	50250
III	1.11582	1670	-	-	-	-	1.11582	1670	50250
IV	1.11582	1670	-	-	-	-	1.11582	1670	50250
V	1.11582	1670	-	-	0.8979	1350	2.01372	3020	90600
VI <sup>th</sup> year Onwards	-	-	0.1369	210	-	-	0.1369	210	6300
Total	5.5791	8360	0.1369	210	0.8979	1350	6.6139	9920	297900

**Details of site elevation, working depth & ground water Table**

Particulars	Details
Site elevation Range	430 - 443 m RL
General Ground Level	435 m RL
Ground Water Table	Pre Monsoon- 413 mRL (22 mbgl) Post Monsoon- 415 mRL (20 mbgl)
Ultimate Working Depth	430 m RL (5 mbgl)

The case was presented by the PP and their consultant in the 154<sup>th</sup> SEAC meeting dated 10/11/2-14 wherein the Project proponent and his consultant presented the salient features of the project, PFR, baseline data and the proposed TOR before the committee. After

deliberations committee has suggested following points to be included in the EIA report and EMP:-

- Water requirement for the project, when operational, has to be evaluated activity-wise with justification.
- Source of water has to be defined with permission / consent from the concerned authority.
- Details of mineral zone, out-cropped mineral, volume of top-soil and OB to be furnished in the EIA.
- Conceptual plan (pre- and post-mine) indicating land-use to be furnished.
- Micro-level features within 2 Km radius around the lease boundary to be depicted on map and furnished.
- Transport route from mine site up to the main road for transporting the material to be detailed.
- Air Quality assessment shall be carried out considering the other mines located within 2 Km radius.

The EIA was presented by the PP and their consultant in the 266<sup>th</sup> SEAC meeting dated 14/01/2016 wherein after deliberations, PP was asked to submit response on following:-

- Revised land use details as table given in EIA/presentation has calculation mistakes.
- Revised plantation scheme with backup calculation for 0.136 ha as shown in presentation.
- Transportation route map along with PP's commitment for construction and maintenance of pucca road.
- Enhanced CSR budget with activity wise breakup details.

PP has submitted the reply of above queries which was placed before the committee. PP and their consultant made a presentation of above queries. 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 :-A

1. Production of Limestone as per mine plan with quantity not exceeding 28,127 TPA.
2. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by

mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.

3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Entire plantation should be carried out in the initial 2-3 years while maintenance and causality replacement be done in subsequent years.
6. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
7. Commitments made in public hearing should be fulfilled by the PP.
8. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
9. Transportation shall not be carried out through forest area.
10. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
11. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
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.

**DISCUSSION BASED QUERY REPLIES SUBMITTED BY PP's / FILES RECEIVED FROM SEIAA/PP ABSENT EARLIER**

21. **Case No.4194/15 Shri Kailash Chandra Gupta, M/s Shiva Corporation India Pvt. Ltd., 312, Ganpati Plaza, MIG Road, District-Jaipur (Raj.) . Prior Environment Clearance for approval of Sand Quarry in an area of 5.666 ha. (43,000 cum/year) at Khasra no.-01, Village-Saipura, Tehsil-Palera, District-Tikamgarh (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-01, Village-Saipura, Tehsil-Palera, District-Tikamgarh (MP) 5.666 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-901, dated: -28/08/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was scheduled for presentation in the 22<sup>nd</sup> SEAC II meeting dated 05/05/2016 wherein it was observed that neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 17<sup>th</sup> SEAC II meeting dated 06/04/2016. 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.

Today, Mr. Nagendra Singh, Sr. Manager, OIC, M.P. State Mining Corporation requested the committee that they may be allowed to make presentation of their above case as PP is also present for its disposal. Committee on the request of OIC & PP allowed the presentation.

The PP, OIC, M.P. State Mining Corporation & Consultant made the presentation wherein it was observed that SEIAA vides their letter no. 305/SEIAA/16 dated 02/04/2016 have sent the replenishment plan. It was also observed that the eastern part of the river is allotted as lease. 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 :-Bø

- Production of Sand as per mine plan with quantity not exceeding 43,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.
- 20 meter area be left as non-mining area from the eastern bank to prevent bank erosion.

**22. Case No.4220/15 Shri Kailash Chandra Gupta, M/s Shiva Corporation India Pvt. Ltd., 312, Ganpati Plaza, MIG Road, Jaipur (Raj.)-472001. Prior Environment Clearance for approval of Sand Quarry in an area of 10.627 ha. (80,000 cum/year) at Khasra no.-01, 349, Village-Pachoura, Tehsil-Lidhaura, District-Tikamgarh (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-01, 349, Village-Pachoura, Tehsil-Lidhaura, District-Tikamgarh (MP) 10.627 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.197, dated: -19/02/16, has reported that there is no more mine operating or proposed within 500 meters around the said mine.

The case was scheduled for presentation in the 22<sup>nd</sup> SEAC II meeting dated 05/05/2016 wherein it was observed that neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 17<sup>th</sup> SEAC II meeting dated 06/04/2016. 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.

Today, Mr. Nagendra Singh, Sr. Manager, OIC, M.P. State Mining Corporation requested the committee that they may be allowed to make presentation of their above case as PP is also present for its disposal. Committee on the request of OIC & PP allowed the presentation.

The PP, OIC, M.P. State Mining Corporation & Consultant made the presentation wherein it was observed that SEIAA vides their letter no. 301/SEIAA/16 dated 02/04/2016 have sent the replenishment plan. It was also observed that the eastern part of the river is allotted as lease. 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 80,000 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.
- 05 meter area be left as non-mining area from the eastern bank to prevent bank erosion.

**23. Case No.4197/15 Shri Kailash Chandra Gupta, M/s Shiva Corporation India Pvt. Ltd, Sub Lessee of M.P. State Mining Corporation Ltd., 312, Ganpati Plaza, M.I.G. Road, Jaipur, (Raj.) 472221. Prior Environment Clearance for River Sand Mine in an area of 5.289 ha. (1,13,000 cum/year) at Khasra no.-01, Village-Pachghara, Tehsil-Lidhoura, District-Tikamgarh (MP)**

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-01, Village-Pachghara, Tehsil-Lidhoura, District-Tikamgarh (MP) 5.289 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.903, dated: -28/08/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was scheduled for presentation in the 22<sup>nd</sup> SEAC II meeting dated 05/05/2016 wherein it was observed that neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 17<sup>th</sup> SEAC II meeting dated 06/04/2016. 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.

Today, Mr. Nagendra Singh, Sr. Manager, OIC, M.P. State Mining Corporation requested the committee that they may be allowed to make presentation of their above case as PP is also present for its disposal. Committee on the request of OIC & PP allowed the presentation.

The PP, OIC, M.P. State Mining Corporation & Consultant made the presentation wherein it was observed that SEIAA vide their letter no. 297/SEIAA/16 dated 02/04/2016 have sent the replenishment plan. It was also observed that the eastern part of the river is allotted as lease. Other submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -B

- Production of Sand as per mine plan with quantity not exceeding 1,13,000 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.
- 05 meter area be left as non-mining area from the eastern bank to prevent bank erosion.

**24. Case No.4216/15 Shri Kailash Chandra Gupta, M/s Shiva Corporation India Pvt. Ltd., 312, Ganpati Plaza, MIG Road, Jaipur (Raj.)-472001. Prior Environment Clearance for approval of Sand Quarry in an area of 16.00 ha. (1,20,000 cum/year) at Khasra no.-1/1, 36, Village-Toriyaugad, Tehsil-Palera, District-Tikamgarh (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra no.-1/1, 36, Village-Toriyaugad, Tehsil-Palera, District-Tikamgarh (MP) 16.00 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.905, dated: -28/08/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was scheduled for presentation in the 22<sup>nd</sup> SEAC II meeting dated 05/05/2016 wherein it was observed that neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. PP was also absent in the 17<sup>th</sup> SEAC II meeting dated 06/04/2016. 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.

Today, Mr. Nagendra Singh, Sr. Manager, OIC, M.P. State Mining Corporation requested the committee that they may be allowed to make presentation of their above case as PP is also present for its disposal. Committee on the request of OIC & PP allowed the presentation.

The PP, OIC, M.P. State Mining Corporation & Consultant made the presentation wherein it was observed that SEIAA vides their letter no. 313/SEIAA/16 dated 02/04/2016 have sent the replenishment plan. It was also observed by the committee that as per the approved mine plan submitted by the PP, the available reserves are shown as 1,10,000 cum considering the depth of 1.5 meters while the volume proposed for the mining is 1,20,000 which is inappropriate and mine plan needs correction. Thus PP was asked to submit revised mine plan duly approved by the competent authority through SEIAA.

**25. Case No.4221/15 Shri Kailash Chandra Gupta, M/s Shiva Corporation India Pvt. Ltd., 312, Ganpati Plaza, MIG Road, Jaipur (Raj.)-472001. Prior Environment Clearance for approval of Sand Quarry in an area of 15.059 ha. (1,13,000 cum/year) at Khasra no.-280, Village-Gouna, Tehsil-Palera, District-Tikamgarh (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Khasra no.-280, Village-Gouna, Tehsil-Palera, District-Tikamgarh (MP) 15.059 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.-

904, dated: -28/08/15, has reported that there is 01 more mine operating or proposed within 1000 meters around the said mine with total area of -20.909 ha including this mine.

The case was earlier discussed in the 257<sup>th</sup> SEAC meeting dated 04/01/2016 wherein the EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -Bø

- Production of Sand as per mine plan with quantity not exceeding 1,13,000 cum/year.

SEIAA vide their letter no.946/SEIAA/16 dated 25/04/2016 have forwarded the replenishment plan to the SEAC for appraisal.

The case was scheduled for presentation in the 21<sup>st</sup> SEAC II meeting dated 04/05/2016 wherein PP was absent. However, Shri Nagendra Singh OIC, M. P. State Mining Corporation Ltd., was present for presentation on behalf of PP stating that the mine belongs to M. P. State Mining Corporation Ltd., (i.e. M. P. State Mining Corporation Ltd., is the lessee) and M/s Shiva Corporation India Pvt. Ltd., Jaipur (Raj.)472001 is their sub lessee which is also mentioned on the submitted mine plan approved by the competent authority. Committee on perusal of submitted documents observed that since QL is allotted to M/s Shiva Corporation India Pvt. Ltd., Jaipur (Raj.)-472001 and application for EC is submitted by Shri Kailash Chandra Gupta, M/s Shiva Corporation India Pvt. Ltd., Jaipur (Raj.)-472001, PP should also be present with the OIC of M. P. State Mining Corporation Limited.

However, committee after deliberation decided that the M. P. State Mining Corporation Ltd., should submit a declaration that since they are the lessee of this QL, they will comply the conditions of EC or any commitment made during the presentation. The case was differed for discussion on 05/05/2016 if Shri Nagendra Singh OIC, M. P. State Mining Corporation Ltd., came with the commitment as mentioned above.

Today, Mr. Nagendra Singh, Sr. Manager, OIC, M.P. State Mining Corporation requested the committee that they may be allowed to make presentation of their above case as PP is also present for its disposal. Committee on the request of OIC & PP allowed the presentation.

The PP, OIC, M.P. State Mining Corporation & Consultant made the presentation wherein it was observed that SEIAA vides their letter no. 946/SEIAA/16 dated 25/04/2016 have sent the replenishment plan. It was also observed by the committee that as per the Google image of April, 2014 (summer season) based on the co-ordinates provided by the PP that >90% of the

lease area is submerged in the water. PP & OIC, M.P. State Mining Corporation submitted that there is enough sand available and QL area is not submerged in the water and as a proof they can produce the recent photographs of the site. The committee after deliberation decided that PP and OIC, M.P. State Mining Corporation should submit the recent photographs of the QL duly signed by both of them for further consideration of this project within 07 days.

**26. Case No. 5129/16 Shri Amit Khampariya, Sub Lessee of MPSMCL, 3162, Ganga Nagar, Jabalpur (MP)-482001 Prior Environment Clearance for River Sand Quarry in an area of 20.00 ha. (1,60,000 cum/year) at 1144 at Village-Basadi, Tehsil-Badwada, District-Katni (MP)**

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at 1144 at Village-Basadi, Tehsil-Badwada, District-Katni (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 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. 4040 dated: 26/9/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

The case was presented by the PP and their consultant in the 19<sup>th</sup> SEAC II meeting dated 23/04/2016 wherein it was observed from the Google image as per the co-ordinates provided by the PP that approx. 40% of the QL area is submerged in water and thus the entire lease area is not minable as mid stream mining is not allowed. Committee after deliberations decided that since approx.40% area is submerged in water, only 60% area is minable thus quantity may be reduced to 96,000 cum/year. It is also reported in the single certificate issued by the collector that within 500 meters of QL School and hospital is in existence and thus PP was asked to propose an alternate route for evacuation of sand avoiding school and hospital which was submitted by the PP. 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 -Bø:

SEIAA vides letter no. 1289/SEIAA/16 dated 05/05/2016 has sent the file back stating that as per mining plan the reserve estimation has been done on the basis of area as 18,000 sq. meter & 1.5 meter thickness which works out to a production capacity per annum of 27,000 cum. In ther analysis given in the reserve calculation it is shown as 2,20,000 cum/annum and

the same was placed before the committee. Committee after deliberations decided that there is error in reserve calculation in the approved mine plan. Thus PP may be asked to submit revised mine plan duly approved by the competent authority through SEIAA.

**27. Case No. 3269/15 Shri Nitin Agrawal S/o Shri Rajkishore Agrawal, Bhartiya Market, Malviya Ganj, District-Katni (MP)-452001 Prior Environment Clearance for approval of Stone Quarry Lease Area - 1.547 ha., Capacity - (8,000 cum/year) at Khasra No.-48, 49, 52, 53, Village-Karaunda, Tehsil-Chandia, District-Umariya (MP)**

This is case of Stone mining. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-48, 49, 52, 53, Village-Karaunda, Tehsil-Chandia, District-Umariya (MP) 1.547 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. 336 dated: 25/2/2015, has reported that there is 06 more mines operating or proposed within 500 meters around the said mine and total land area 11.976 Ha including area of this mine.

The case was earlier discussed in the 218<sup>th</sup> SEAC meeting dated 24/08/2015 wherein scrutiny of the Mining Plan reveals the presence of scheduled animals near the site. DFO has not commented on the issue and also 7.5 meter buffer zone is not left in the mining plan. In view of above mining plan needs revision as per the necessary provisions of MM Rules, 1996. The case is thus returned to SEIAA for above submission by PP.

SEIAA vide letter no. 875/SEIAA/16 dated 21/04/2016 has sent the file back stating that the information has been received from the PP in SEIAA office on dated 09/03/2016, the same was placed before the committee. The committee observed that the lease in this case is of 1.547 and concerned Mining Officer vide letter no. 336 dated: 25/2/2015, has reported that there is 06 more mines operating or proposed within 500 meters around the said mine and total land area 11.976 Ha including area of this mine. The committee after deliberations decided that the case may be sent to DEIAA through SEIAA for onward necessary action.

**28. Case No. 1696/13 Shri Ajay Kumar Pathak, Semariya Chowk, Chanakyapuri P.O. & Distt - Satna (M.P)-485001 Environment Clearance for approval of 16.264 Ha Hinouta Limestone Mine In Vill.- - Hinouta, Th.- - Rampur Beghelan, District- Satna (M.P.) Env. Consultant: Gross Roots Research & Creation India (P) Ltd. Noida, U.P.**

This is a mining project pertaining to mining of limestone in an are of 13.759 Ha. Production capacity proposed is 1,10,000 MTPA of Limestone and Reject Stone. Application was forwarded by SEIAA to SEAC for scopping so as to determine TOT to carry out EIA and prepare effective EMP for the project. PP and his consultant presented the salient features of the project, which revealed that the project is in vicinity of other two mining projects. The matter of EC of these cases is under consideration as Case No. 1694/2013 and 1697/2013. All the three projects pertain to mining of limestone. Further following details were observed:

- “ The mining lease was initially sanctioned for 20 years period w.e.f. 05.05.1972 to 04.05.1992 over an area of 16.264 ha .
- “ The mining lease was renewed for 10 years period vide State Government order No.- F-3/196/91/12/7 dated 01.05.1993
- “ The lease period was later extended to 20 year vide Sate Government order No.- F-3/196/91/12/2 dated 22.05.2003. The supplementary agreement to this effect was executed on 23.08.2003.
- “ The lessee has applied for 2<sup>nd</sup> renewal of lease on 26.04.2011 in accordance with rule 24 of MCR 1960.

**Mine details:**

Location	Village ó Hinouta Tehsil ó Rampur Beghelan, District- Satna State - Madhya Pradesh
Total Area	16.264 Ha
Type of Lease Area / ownership	Non Forest and Barren Land
Screening Category	–Bø Category
Cost of the Project	1.5 Crores
Employment Generation	115
Mining Plan Approval	Mining Scheme approved on 9/6/2000 and mining plan is under approval.

**Location:**

Road : The Lease area is 16 kms from Satna towards east on N.H. 675 to Rewa. It is 15 kms on Satna- Rewa N.H. 675 up to Sajjanpur and then 1.0 kms on approach road towards north. The lease area can be approached by own conveyance

Railway Station: The nearest rail head and railway station is at Hinouta Rambanon Satna 6 Rewa railway situated at about 700 m in north on Satna 6 Rewa railway line and Satna is at 18 kms in West direction on Jabalpur-Allahabad Western Central Railway.

Airport: Jabalpur 200 Km

Nearest Town: Distt. Headquarter Satna (M.P.) is about 16 km.

**Physiography**

Highest Elevation: 294 m A.M.S.L. towards East.

Lowest: 285 m A.M.S.L. in north west.

Ultimate depth of Mining: 15 m bgl (Up to 270 m AMSL. )

General Slope: The lease area is almost plain having gentle slope towards North.

Ground water table: 25-30 m BGL (255-260 m AMSL).

Latitude: 24°33'29.00" to 24°33'47.00" North.

Longitude : 80°58'40.30" to 80°58'58.40" East.

**Env. Settings:**

RF	About 0.3 km in NE, About 1.2 km in NNE, About 1.5 km in NE, About 2 km in NE., About 2.2 km in NNE. ,About 3.5 km in North. ,About 4 km in NNE., About 4 km in NNE  About 4.4 km in NE., About 5 km in NE., About 5 km in NW.
Sathari RF	About 5.5 km in NE & 12.5 km NE.
Jamori RF	About 3 km in NNW.

Khando Jhalwar RF	About 9 km in SSE.
Naru PF	About 6 km in SW.
Jora Nalla	About 11 km in SSE.
Mainha Nalla	About 11 km in SE.
Badkhar Nalla	About 7 km in West
Tons River	About 2.5 km in NNW.
Nar Nadi	About 4.5 km in East.
Magardaha Nalla	Adjoining the lease area in West

**Salient features of mining**

Ore to be mined out	Limestone and Reject Stone
Mining Methodology	Opencast other than fully mechanized
Total Mineral Reserve	19,30,923Tonnes
Total Waste Generation	2000 MT/month of overburden and mine waste
Max. Rate of Production	1,10,000 MTPA of Limestone and Reject Stone
Anticipated Life of Mine	29 year
Water Requirement	

Activity	Water requirement	Source
Various mining activities	10 m <sup>3</sup> /day	water will be sourced from dug wells / bore wells
Green belt	4 m <sup>3</sup> /day(Additional 1 cum of domestic waste)	
Domestic	4 m <sup>3</sup> /day	
Total	18 m <sup>3</sup> /day	

**Mining details:**

- “ Opencast other than fully mechanized method of mining with drilling and blasting is proposed in the lease area.
- “ The development and production will be done side by side
- “ The bench height will be 6m and width not less than the height.
- “ No labour camp is proposed within lease area as labours will be employed from nearby villages
- “ The OB and mineral will be excavated and loaded mechanically on trucks or dumpers with capacity of 10 tones.
- “ About 2000 MT/month of soil, overburden and mine waste will be generated from the mine
- “ Limestone will be supplied to cement plants and Reject Stone as road metal and building material.

The case was presented by the PP and their consultant for TOR in 137th SEAC meeting dated 24/07/2013 wherein after deliberations committee approved the standard TOR to carry out EIA and prepare EMP for he project.



The EIA/EMP was presented by the PP and their consultant in the 262<sup>nd</sup> SEAC meeting dated 09/01/2016 wherein after deliberations, PP was asked to submit response on following issues:-

1. Production details since 1986-87 to 2012-13.
2. Monitored PM2.5 values at the project site are 48.9 ug/m<sup>3</sup> which appears to be on higher side. PP should submit the reason for such high values of PM2.5 with its detailed mitigation plan.
3. Details about size and specifications of garland drains and settling pond and point of discharge be submitted.
4. Comprehensive plantation scheme with provision for causality replacement as total 6.64 ha area is to be developed as green belt.
5. An affidavit of PP for fulfillment of commitment made in public hearing about the maintenance of approach road.

PP has submitted the reply of above queries vides letter dated 20/02/2016 which was placed before the committee. PP and their consultant made a presentation of above queries. 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 Aø

1. Production as per mine plan with quantity not exceeding for Limestone 75,000 TPA and Rejctstone 35,000TPA.
2. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Entire plantation should be carried out in the initial 2-3 years while maintenance and causality replacement be done in subsequent years.
6. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
7. Commitments made in public hearing should be fulfilled by the PP.
8. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
9. Transportation shall not be carried out through forest area.

10. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
11. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
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.

**29. Case No. – 1726/13 M/s. S.N.S. (Minerals) Limited, Rewa Road, P.O. - Maihar, Dist. - Satna (M.P.), Pin code – 485771 Prior Environmental Clearance for Jamuwani Khurd Limestone Mine of 7.89 Ha. in Village - Jamuwani Khurd, Tehsil - Vijayraghgarh, District- Katni, State - Madhya Pradesh.**

This is a mining project comprising a lease area of 7.89 Ha and proposed production capacity of 2.0 Lac ton mineral per year. The project by virtue of its lease area and location falls under category -Bø item 1 (a) of the Schedule of EIA Notification, hence requires prior EC before commencement of production. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR for the project to carry out EIA and prepare EMP for the project. The presentation and submissions made by the PP and his consultant reveals following:

**Introduction**

- M/s S.N.S. (Minerals) Limited, the lessee is a Limited Company and is having a lease of Limestone over an area of 7.89 Hectare at village Jamuani Khurd of Tehsil Vijayraghgarh, District Katni in the state of Madhya Pradesh.
- The mining lease was granted in favour of Shri Madan Lal Grover for 10 years period w.e.f. 14.09.1992 to 13.09.2002 over 8.49 ha. The 1st renewal was granted for subsequent 20 years period w.e.f. 14.09.2002 to 13.09.2022 over 7.89 ha.
- The mining lease has been transferred to present lessee, S.N.S. (Minerals) Limited vide order no. F3-18/08/12/2-A dated 07.04.2012 for balance yearø upto 13.09.2022. The transfer deed has been executed on 21.09.2012.

**Land USE**

Land Type	Area in Sq km	Area in Ha	Area in %
Agriculture Land	79.45	7945	19.8
Forest Land	192.11	19211	47.9

Settlements	11.06	1106	2.8
Barren Land	14.20	1420	3.5
Water-bodies	4.51	451	1.1
Open Scrub & Grass	33.25	3325	8.3
Stone / Mine Query	5.54	554	1.4
Mixed Plantations	61.32	6132	15.3
<b>Total</b>	<b>401.44</b>	<b>40144</b>	<b>100</b>

### Mining details

<b>Total Mine Lease Area</b>	<b>7.89 Ha.</b>
Total Mineral reserve	2855385 Tons
Life of Mine	20 Years
Ultimate Depth of Mining	30mmgl
Ground Water Level	35-40 m bgl
Total Water Requirement	15 cum per day
OB & Waste Generation	8000 TPD
Manpower	75
Maximum Annual Production	2,00,000 TPA

SN	Land Use	Present Land	Mine Life End
1.	Total Area Excavated (broken)	0.60	6.70
2.	Area fully mined out (out of 1)	Nil	6.70
3.	Area fully reclaimed (backfilled out	Nil	2.5

	of 2)		
4.	Area rehabilitated out of 3 by afforestation	NA	2.5
5.	Area rehabilitated by water harvesting	Nil	4.2
6.	Total area under dumps	0.75	Nil
7.	Area under active dumps	Nil	Nil
8.	Area under Infrastructure	0.005	Nil
9.	Area under roads	0.05	Nil
10.	Garland Drain & Bund	Nil	Nil
11.	Area under mineral stack	Nil	Nil
12.	Area under greenbelt (i.e. plantation on area other than dump and backfilled area)	0.10	1.19
13.	Undisturbed area	6.385	-
<b>Total</b>		<b>7.89</b>	<b>7.89</b>

### Proposed environment management plan

SN	Particulars	Mitigation measures
1.	Air environment	Development of green belt around the periphery.
		Regular water sprinkling to suppress the dust within mine site.
		Proper maintenance of vehicles with proper check on exhaust emissions
		For dust suppression wet drilling will be carried out.
2.	Water	Garland drain will be made with settling pond

	environment	No ground water table will be intersected
		No surface water-body will be disturbed
3.	Noise environment	Development of green belt around the periphery.
		Proper maintenance & optimum use of machineries.
		Blasting will be done during day time
4.	Land Environment	Proper plantation of green belt will be carried out around the periphery.
		Green Belt will be developed all along the boundary of the lease area in first five year and re plantation will be done to maintain the survival rate.
5.	Socio Economy	Local people will be given employment depending on their skill.
		Developmental activities will take place in consultation with local panchayats.
		Education, safety campaigns will be carried out in nearby villages.

The case was presented by the PP and their consultant in the 144th SEAC meeting dated 30/10/2013 wherein after deliberations committee has approved the TOR with inclusion of following points to carry out EIA and prepare EMP for the project:

1. Current mining Plan duly approved from competent authority shall be submitted along with the EIA.
2. Distance from the nearest forest boundary is reported to be 10 meters hence NOC from the concerned Forest committee has to be obtained and submitted.
3. As informed that baseline data collection has already been initiated the same can be used in the EIA report.
4. Other standard TOR shall be applicable.

The EIA was presented by PP and their consultant in the 246<sup>th</sup> SEAC meeting dated 10/12/2015 wherein after discussions in this meeting the PP was asked to submit response to the following queries/documents:

1. PP has agreed to convert Kachha village road be into tar road for which written commitment be submitted by the PP.
2. There were mistakes in the water demand calculation.PP is to submit revised water balance calculation.
3. Revised budget for the water, shelter and sanitation be submitted.
4. PP should fence the entire lease area which is towards forest side as per the recommendations of forest clearance committee. A commitment from the PP to that effect be submitted.
5. PP should submit PERT chart for plantation scheme.
6. Reclamation details be submitted along with relevant details on map.

PP has submitted the reply of above queries vides letter dated 09/02/2016which was placed before the committee. PP and their consultant made a presentation of above quaries. 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 :-Aø

1. Production as per mine plan with quantity not exceeding for Limestone 1,99,800 TPA.
2. The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department. The appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
3. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
4. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
5. The proposed plantation should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Entire plantation should be carried out in the initial 2-3 years while maintenance and causality replacement be done in subsequent years.
6. Curtaining of site shall be done through thick plantation all around the boundaries of the lease area.
7. Commitments made in public hearing should be fulfilled by the PP.
8. The OB should be properly stacked inside the ML area in barrier zone and disposed off as per the submitted plan.
9. Transportation shall not be carried out through forest area.

10. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat.
11. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
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.

**30. Case No. 4436/2015 Sarc Inracon India Ltd., Director Shri Charan Singh R/o 178, C.P. Mishan Compound, Distt. Jhansi (UP) 284 001. Prior Environment Clearance for approval of Sand Quarry in an area of 9.00 ha. (55,000 cum/year as per revised mine plan) at Khasra No. 2/1 at Village – Phattepur, Teh Gourihar, Distt. Chhatarpur (MP)**

This is case of Phattepur Sand Ghat Quarry (Ken River). The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. 2/1 at Village ó Phattepur, Teh Gourihar, Distt. Chhatarpur (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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.1081, dated: 07/09/15 has reported that there is no more mines operating or proposed within 1000 meters around the said mine.

The case was discussed earlier in the 252<sup>nd</sup> SEAC meeting dated 17/12/2015 wherein during presentation it was observed that as per the certificate issued by Tehsildar the site is within 10 kms distance of interstate boundary. However the actual distance has not been given. The PP is therefore asked to submit a certificate from Tehsildar giving the exact distance of this site from the interstate boundary.

PP vide their letter dated 19/02/2016 has submitted that the interstate boundary is 500 meters away from the QI area. However, as per the recent notification of MoEF&CC dated 15/01/2016 óGeneral Conditions have been exempted for sand mining leases for Inter State Boundaryö.

SEIAA vides their letter no. 11468/SEIAA/16 dated 24/02/2016 have forwarded the replenishment plan of the above lease.

The case was presented by the PP and their consultant in the 13<sup>th</sup> SEAC meeting dated 21/03/2016 wherein it was observed that as per the revised mine plan submitted with replenishment study the volume of sand is estimated as 55,000 cum/year. The submission made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure -B

- Production of Sand as per mine plan with quantity not exceeding 55,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

SEIAA vides letter no. 1449/SEIAA/16 dated 12/05/2016 has sent the file back to SEAC stating that “SEAC should reconsider their recommendations according to the contents mentioned in the letter. Infact now DGM has admitted the ambiguity in the first approved mining plan and revised mining plan”, which was placed before the committee.

The committee observed that the initial approval of mine plan was for the volume of 2,35,000 cum/year issued vides letter no. 3762 dated 03/09/2015. Later on PP got the modified mining plan approved vides letter no. 713 dated 09/03/2016 for reduced production capacity under MMR 1996 42 (D) stating that in “previous plan approved by Jabalpur regional head but in those plan production capacity is very large and according to replenishment theory there is no such capacity available of sand. So I made modified plan of reduced production capacity of sand and submitted for approval under MMR 1996 42 (D)”. (Page no. 02 of revised mine plan). It was further observed by committee that the replenishment plan attached with the modified mining plan (approved by the competent authority vides letter no. 713 dated 09/03/2016) was approved only for 55,036cum/year of sand.



Committee further observed that SEIAA in its 284<sup>th</sup> meeting dated 23/01/2016 has taken following policy decision in response to the directives of Hon'ble NGT in their order dated 06/01/2016 in Appeal No. 53/2015:-

*“All cases pertaining to sand mining, the mining plan to be submitted by Director, Geology and Mining should include details about annual replenishment of sand in the leased area and the normal water level prevalent in the lean season. The cases recommended by SEAC and under process in SEIAA will be considered only after the revised mining plan duly incorporating the additional chapters as directed above by the Hon'ble NGT is submitted by the PP and duly approved by the competent authority. The cases will be reappraised by SEAC on the basis of revised mining plan and in accordance with the directives of the Hon'ble NGT”.*

Committee also observed from the Google image based on the co-ordinates provided by the PP that even in the month of May, 2014 apprx. 35% of the QL area is submerged in the water hence effective working area will be much less as compared to the sanctioned lease.

Thus committee after deliberations decided that the recommendations made by the committee earlier in the 13<sup>th</sup> SEAC meeting dated 21/03/2016 stands valid based on the replenishment plan submitted by the PP which is also approved by the competent authority and is according to the directives of Hon'ble NGT in their order dated 06/01/2016 in Appeal No. 53/2015 and recommends the case for grant of 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 55,000 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 50 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.

**31. Case No. 3632/15 Shri Hari Om Tomar S/o Shri Shiv Singh Tomar, Vill.-Tamaliya, Tehsil-Jirapur, District-Rajgarh (MP)- 465693. Prior Environment Clearance for approval of Sand Quarry in an area of 24.00 ha. (550 cum/year) at Khasra No.-1/1, Vill.-Bhagora, Tehsil-Jirapur, DistrictRajgarh (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed at Khasra No.-1/1, Vill.-Bhagora, Tehsil-Jirapur, DistrictRajgarh (MP) 24.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-480, dated: 06/06/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine. The case was earlier discussed in the 236<sup>th</sup> SEAC meeting dated -1/11/2015 wherein PP was asked to submit DFO certificate which was submitted by the PP vides letter dated 23/11/2015.

SEIAA vide their letter no. 932/SEIAA/16 dated 25/04/2016 have forwarded the replenishment plan to the SEAC for appraisal.

The case was presented by the PP and their consultant. During presentation from the Google image based on the co-ordinates provided by the PP it was observed that a bridge/stop dam is in existence in the eastern side of the river in QL thus committee after deliberations decided that 100 meter area be left as non mining area on the both sides of the bridge/stop dam in the QL. It was also observed during presentation that entire river area is allotted as QL thus committee after deliberations decided that 20 meter area be left from the both sides of the bank in the QL as no mining area to avoid bank erosion. 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 550 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.
- 20 meter area be left from the both sides of the bank in the QL as no mining area to avoid bank erosion as entire river area is allotted as QL.
- A stop dam is in existence on the eastern side of the lease. Thus 100 meters area from the dam on the both side be left as non-mining area.

SEIAA vide letter no. 1462/SEIAA/16 dated 13/05/2016 has sent the file back to SEAC stating that “*from the mine plan it was observed that the minable reserve is 85,000 cum/year as a 1.00 meter depth. However, SEAC has recommended only 550 cum/year. PP in form-1 has applied for 40,000 cum/year*”, which was placed before the committee.

Committee observed that PP applied for the grant of EC on 14/08/2015 in form-1 for production capacity of 40,000 cum/year and attached a mine plan with the the minable reserve is 85,000 cum/year as a 1.00 meter depth but this mine plan is not approved by the competent authority.

Committee further observed that later on PP on dated 02.04.2016 submitted the replenishment study with approved mine plan wherein the sanctioned volume of sand was 550 cum/year. PP on dated 07/04/2016 has also submitted the revised form-1 with production capacity of 550 cum/year.

Thus committee after deliberations decided to clarify that the recommendations made by the committee earlier in the 21<sup>st</sup> SEAC II meeting dated 04/05/2016 is based on the approved mine plan, replenishment plan and revised form-1 submitted by the PP.

**32. Case No. 3575/15 Shri Jagdish Verma S/o Shri Mangi lal Verma, Vill.-Kodakya, Teh.-Jirapur, District-Rajgarh (MP). Prior Environment Clearance for approval of Sand Quarry in an area of 5.058 ha. (280 cum/year) at Khasra No.-205, Vill.-Lakhoni, Teh.-Jirapur, District-Rajgarh (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site, at Khasra No.-205, Vill.-Lakhoni, Teh.-Jirapur, District-Rajgarh (MP) 5.058 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vides letter no.-481, dated: -06/06/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

SEIAA vides letter no. 1089/SEIAA/16 dated 28/04/2016 have sent the replenishment plan submitted by the PP to SEAC.

The case was presented by the PP and their consultant wherein 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 280 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.
- 20 meter area be left from the southern side of the bank in the QL as no mining area to avoid bank erosion.

SEIAA vides letter no. 1464/SEIAA/16 dated 13/05/2016 has sent the file back to SEAC stating that *“from the mine plan it was observed that the minable reserve is 35,000 cum/year on a 0.75 meter depth. However, SEAC has recommended only 280 cum/year. PP in form-1 has applied for 25,000 cum/year”*, which was placed before the committee.

Committee observed that PP applied for the grant of EC on 04/08/2015 in form-1 for production capacity of 25,000 cum/year and attached a mine plan with the the minable reserve is 35,000 cum/year as a 0.750 meter depth but this mine plan is not approved by the competent authority.

Committee further observed that later on PP on dated 20.04.2016 submitted the replenishment study with approved mine plan wherein the sanctioned volume of sand was 550 cum/year.

Thus committee after deliberations decided to clarify that the recommendations made by the committee earlier in the 22<sup>nd</sup> SEAC II meeting dated 05/05/2016 is based on the approved mine plan and replenishment plan submitted by the PP.

**33. Case No. 3675/15 Shri Bhagwan Singh S/o Shri Bapu Lal Gurjar, Vill.-Kodakya, Tehsil-Jirapur, District-Rajgarh (MP)- 465693. Prior Environment Clearance for approval of Sand Quarry in an area of 18.163 ha. (3250 cum/year) at Khasra No. 403 at Vill.-Bhagori, Tehsil-Jirapur, DistrictRajgarh (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No. 403 at Vill.-Bhagori, Tehsil-Jirapur, District Rajgarh (MP) 18.163 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.-480, dated: -06/06/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

SEIAA vide their letter no. 896/SEIAA/16 dated 22/04/2016 have forwarded the replenishment plan to the SEAC for appraisal.

The case was presented by the PP and their consultant. During presentation from the Google image based on the co-ordinates provided by the PP it was observed that a natural drain is joining the river from the eastern side of the QL thus committee after deliberations decided that 50 meter area be left as non mining area on the both sides of the natural drain in the QL. It was also observed during presentation that entire river area is allotted as QL thus committee after deliberations decided that 20 meter area be left from the both sides of the bank in the QL as no mining area to avoid bank erosion. 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 3250 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.
- 20 meter area be left from the both sides of the bank in the QL as no mining area to avoid bank erosion as entire river area is allotted as QL.
- A natural drain is joining the river on the eastern side of the lease. Thus 50 meter area be left as non mining area on the both sides of the natural drain in the QL.

SEIAA vides letter no. 1458/SEIAA/16 dated 13/05/2016 has sent the file back to SEAC stating that “*from the mine plan it was observed that the minable reserve is 7190 cum/year on a 1.00 meter depth. However, SEAC has recommended only 3250 cum/year. PP in form-1 has applied for 40,000 cum/year*”, which was placed before the committee.

Committee observed that PP applied for the grant of EC on 14/08/2015 in form-1 for production capacity of 40,000 cum/year and attached a mine plan with the the minable reserve is 71,900 cum/year as a 1.00 meter depth but this mine plan is not approved by the competent authority.

Committee further observed that later on PP on dated 05.01.2016 submitted the approved mine plan wherein the sanctioned volume of sand was 3250 cum/year. PP on dated 02/04/2016 has also submitted the revised form-1 and replenishment study with production capacity of 3250 cum/year.

Thus committee after deliberations decided to clarify that the recommendations made by the committee earlier in the 21<sup>st</sup> SEAC II meeting dated 04/05/2016 is based on the approved mine plan, revised form-1 and replenishment plan submitted by the PP.

**34. Case No. - 3886/15 Shri Hari Om Tomar S/o Shri Shiv Singh Tomar, Vill.-Tamaliya, Tehsil-Jirapur, District-Rajgarh (MP) - 465693. Prior Environment Clearance for**

**approval of Sand Quarry in an area of 12.060 ha. (275 cum/year) at Khasra No.-157, Vill.-Barman Khedi, Tehsil-Jirapur, District-Rajgarh (MP)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra No.-157, Vill.-Barman Khedi, Tehsil-Jirapur, District-Rajgarh (MP) 12.060 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.-482, dated: -06/06/15, has reported that there is no more mine operating or proposed within 1000 meters around the said mine.

SEIAA vide their letter no. 889/SEIAA/16 dated 22/04/2016 have forwarded the replenishment plan to the SEAC for appraisal.

The case was presented by the PP and their consultant. During presentation from the Google image based on the co-ordinates provided by the PP it was observed that entire river area is allotted as QL thus committee after deliberations decided that 20 meter area be left from the both sides of the bank in the QL as no mining area to avoid bank erosion. 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 -Bø

- Production of Sand as per mine plan with quantity not exceeding 275 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.

- 20 meter area be left from the both sides of the bank in the QL as no mining area to avoid bank erosion as entire river area is allotted as QL.

SEIAA vide letter no. 1460/SEIAA/16 dated 13/05/2016 has sent the file back to SEAC stating that *“from the mine plan it was observed that the minable reserve is 40,000 cum/year on a 1.00 meter depth. However, SEAC has recommended only 275 cum/year. PP in form-1 has applied for 35,000 cum/year”*, which was placed before the committee.

Committee observed that PP applied for the grant of EC on 04/08/2015 in form-1 for production capacity of 35,000 cum/year and attached a mine plan with the the minable reserve is 50,000 cum/year as a 1.00 meter depth which is approved by the competent authority for production capacity of 275 cum/year.

Committee further observed that later on PP on dated 02.04.2016 submitted the replenishment study approved by the competent authority with production capacity of 275 cum/year.

Thus committee after deliberations decided to clarify that the recommendations made by the committee earlier in the 21<sup>st</sup> SEAC II meeting dated 04/05/2016 is based on the replenishment plan duly approved by the competent authority and submitted by the PP.

**(Dr. Mohd. Akram Khan, Member)**

**(Dr.NavinChandra, Chairman)**

**(Prashant Shrivastava, Member)**

**( Mohd. Kasam Khan, Member )**



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 and in extreme summer season hourly road wetting be done.
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.

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 above high flood level and a log book be maintained.
4. The mining activity shall be done manually.
5. Heavy vehicles shall not be allowed on the banks for loading of sand. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded and in extreme summer season hourly road wetting be done.
6. The sand shall be transported by small trolleys up to the main transport vehicle.
7. Transport vehicles will be covered with tarpauline 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.