

The 408<sup>th</sup> meeting of the State Expert Appraisal Committee (SEAC) was held on 27<sup>th</sup> November, 2019 under the Chairmanship of Mohd. Kasam Khan for the projects / issues received from SEIAA. The following members attended the meeting:-

1. Dr. Mohd. Akram Khan, Member.
2. Dr. A. K. Sharma, Member.
3. Dr. Sonal Mehta, Member.
4. Dr. Rubina Chaudhary, Member.
5. Dr. Jai Prakash Shukla, Member.
6. Shri R. S. Kori, Secretary.

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

1. **Case No. – 6670/2019 M/s Madhav Infra Projects Pvt. Ltd, Shri M.G.Hari Kumar, Project Manager, Village - Bada Khutaja, Tehsil - Chandra Shekhar Azad Nagar, Dist. Alirajpur, MP – 457882 Prior Environment Clearance for Murrum Quarry in an area of 1.230 ha. (1,00,000 cum per annum) (Khasra No. 2725, 2729, 2746), Village - Bada Khutaja, Tehsil - Chandra Shekhar Azad Nagar, Dist. Alirajpur, (MP).**

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2725, 2729, 2746), Village - Bada Khutaja, Tehsil - Chandra Shekhar Azad Nagar, Dist. Alirajpur, (MP) 1.230 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 541 dated: 20/06/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation and appraisal of the case through Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	>100	South	<ul style="list-style-type: none"><li>• Three rows of plantation.</li><li>• No blasting proposed.</li></ul>
Trees (3-4)	Within lease area	-	No tree cutting is proposed.
House (01)	Within lease	-	Shall be converted into site office

During presentation it was recorded that the proposed mining activity will be carried out by the existing open cast manual/semi mechanized and no blasting shall be carried-out. It is a temporary permit of 2 years. After presentation the committee asked to submit following details:

- Commitment from PP that existing three trees shall not be uprooted & existing house in the lease area shall be converted into site office.
- Revised EMP by replacing over-head water sprinkling system to tanker.
- Revised Plantation details as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 27.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 shall be as per mine plan with quantity not exceeding for Murum 1,00,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 10.59 Lakh as capital and Rs. 2.40 Lakh/year. Under CER Rs. 0.60 Lakh/year has proposed.

2. **Case No. – 6623/2019 Shri Bharat Singh S/o Shri Santosh Kumar Singh, Village - Badhauna, Tehsil - Churhat, Dist. Sidhi, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 1.894 ha. Capacity-27,437 cum per annum (Khasra No. 23, 76/3, 80/1, 80/5, 81, 82/2), Village - Harraha, Tehsil - Mauganj, Dist. Rewa (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 23, 76/3, 80/1, 80/5, 81, 82/2), Village - Harraha, Tehsil - Mauganj, Dist. Rewa (MP) 1.894 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 5303 dated: 05/09/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, wherein during verification of the submitted documents by the PP it was recorded by the committee that: PP vide letter dated

25.11.2019 has submitted the Revised Form-I and Modified Mining Plan for obtaining Environmental Clearance, which was forwarded through SEIAA vide letter no 3316 dated 25/11/2019. According to the Revised Form-I and Modified Mining Plan the maximum production capacity is 27,437 cum per annum which was accepted by the committee.

During presentation it was recorded that the shape of the lease is unusual and some trees are seems to be existing towards the North-Eastern side for which committee recommend that it shall be blocked as non-mining zone and no tree shall be uprooted. Further PP Proposed that all mining activity will be carried out by the existing open cast manual/semi mechanized. After presentation the committee asked to submit following details:

- Commitment from the PP that NE side where trees exists shall be declared as non-mining zone and no tree shall be uprooted.
- Revised plantation scheme for 1900 plants.
- Revised Surface Map showing non-mining zone shall be submitted.

PP has submitted the response of above quarries same date vide letter dated 27.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 shall be as per mine plan with quantity not exceeding for Stone 27,437 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 15.04 Lakh as capital and Rs. 2.39 Lakh/year. Under CER Rs. 0.60 Lakh/year has proposed.

**3. Case No. – 6669/2019 Shri Bharat Singh S/o Shri Santosh Kumar Singh, Village - Badhauna, Tehsil - Churhat, Dist. Sidhi, MP Prior Environment Clearance for Crusher Stone Quarry in an area of 2.850 ha. (Capacity Expansion from 7,980 to 62,916 cum per annum) (Khasra No. 794), Village - Hatwakhas, Tehsil - Sihawal, Dist. Sidhi, (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 794), Village - Hatwakhas, Tehsil - Sihawal, Dist. Sidhi, (MP) 2.850 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed

format duly verified in the Collector Office letter No. 983 dated: 30/10/17 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.85 ha., including this mine.

The case was presented by PP and their consultant wherein it was recorded that a existing pit is seem to be exits in lease are and same had been shown by PP in surface map. During presentation it was recorded that this is case of capacity expansion from 7,980 to 62,916 cum per annum. PP has annexed the earlier EC issued from DEIAA vide letter no 53/DEIAA/EC/2018 dated 18/04/2018. PP further submits the half annually compliance report to competent authority and present the copy of same during presentation.

PP further submits that all mining operations will be undertaken by Open Cast Manual/Semi-Mechanized Method by deploying machineries. After presentation the committee asked to submit following details:

- Revised plantation scheme for 2910 plants as suggested by the committee.
- Revised CER by adding traffic rule awareness camp as suggested by the committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 27.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 shall be as per mine plan with quantity not exceeding for Stone 62,916 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 19.93 Lakh as capital and Rs. 4.61Lakh/year. Under CER Rs. 1.20Lakh/ year has proposed.

**4. Case No. – 6554/2019 The Project Manager, M/s SIPL - GRTCPL (JV), Shri Nitin Bersaiya, 2353/6, Sharda Chowk, Nagpur, Road, Takshshila Envineering College, Dist. Jabalpur, MP - 482001.Prior Environment Clearance for Stone Quarry in an area of 1.220 ha. (1,03,488 cum per annum) (Khasra No. 313, 316), Village - Badhamar, Tehsil - Pushprajgarh, Dist. Anuppur (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 313, 316), Village - Badhamar, Tehsil - Pushprajgarh, Dist. Anuppur (MP) 1.220 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 1051 dated: 07/07/2018 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 2.912 ha including this mine.

Earlier this case was scheduled for the presentation in 399<sup>th</sup> SEAC meeting dated 30/10/2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Pucca Road	125	North-West	Three rows plantation towards road side.
Trees	Within lease	North-East	NE part shall be blocked as non-mining zone.
Isolated hutments	150	North-West	<ul style="list-style-type: none"> <li>• Protection plan is needed</li> <li>• Control blasting with sand bags</li> </ul>
Drain	45	South	Provision of Garland drain & settling tanks.

Further it was recorded that all mining operations will be undertaken by Semi-Mechanized Method by deploying machineries. It is a temporary permit of 1 year. After presentation the committee asked to submit following details:

- Proposed protection plan for nearest hutment shall be submitted by the PP.
- Commitment from the PP that NE side where trees exists shall be declared as non-mining zone and shall submit revised Surface Map showing non-mining zone.
- Copy of agreement and PII form.

PP has submitted the response of above quarries same date vide letter dated 27.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 shall be as per mine plan with quantity not exceeding for Stone 1,03,488 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.56 Lakh as capital and Rs. 2.23 Lakh/year. Under CER Rs. 1.00 Lakh/year has proposed.

5. **Case No. – 6676/2019 Shri Arvind Sharma S/o Shri Ramnarayan Sharma, Village - Dongargaon, Tehsil - Susner, Dist. Agar Malwa, MP – 465449 Prior Environment Clearance for Metal Stone Quarry in an area of 2.00 ha. (15,000 cum per annum ) (Khasra No. 885), Village - Dongargaon, Tehsil - Susner, Dist. Agar Malwa, (MP)**

This is case of Metal Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 885), Village - Dongargaon, Tehsil - Susner, Dist. Agar Malwa, (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 132 dated: 06/06/2019 has reported that there are 02 more mines operating or proposed within 500 meters around the said mine total area of 4.50 ha., including this mine.

The case was presented by the PP and their consultant. During presentation as per Google image based on coordinates provided by PP an excavated pit is seen for this PP submitted that they have got the lease in this condition and have shown the pit on Surface Map. After presentation the committee asked to submit following details:

- Revised CER by adding traffic rule awareness camp as suggested by the committee during presentation.
- Revised plantation scheme for 2000 nos as suggested by the committee during presentation.

PP has submitted the response of above quarries same date vide letter dated 27.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 shall be as per mine plan with quantity not exceeding for Stone 15,000 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 12.10 Lakh as capital and Rs. 2.45 Lakh/year. Under CER Rs. 0.70 Lakh/year has proposed.

**6. Case No. – 6677/2019 Shri Mukesh Choksey, M/s Mukesh Kumar Choksey, Village - Samardha, Tehsil - Huzur, Dist. Bhopal, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (15,788 cum per annum ) (Khasra No. 304/2/5/1), Village - Samnapurkala, Tehsil - Goharganj, Dist. Raisen, (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 304/2/5/1), Village - Samnapurkala, Tehsil - Goharganj, Dist. Raisen, (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. Q-mining-2018 dated: 02/06/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant, wherein it was recorded by the committee that co-ordinates in the Mining Plan and in Surface Map are miss-matched and thus the actual lease cannot be established. Forest area is approximately 150 meters away from the lease boundary according to the submitted DFO letter vide no 2810 dated 30/12/2015 and 1.35 km from the ESZ of Ratapani Abyaran. Further it was observed that the M.O certificate is signed by Mining Inspector. Committee after deliberation decided that PP should submit following details for further consideration of this case:

1. Revised & approved co-ordinates of the QL area.
2. Complete set of Permission obtained from DLCC regarding nearest forest from the lease area.
3. Necessary documents P-II form and Tehsildar' certificate to be submitted by the PP.

7. **Case No. – 6659/2019 Shri Shivmangal Singh Gour, Basant Vihar, 301, Gulmohar Basant Vihar, Dist. Indore, MP – 452010 Prior Environment Clearance for Murrum and Stone Quarry in an area of 1.810 ha. (Murrum – 5,000 cum per annum, Stone – 10,000 cum per annum) (Khasra No. 154 (P)), Village - Rampur Khurd, Tehsil - Majhgawa, Dist. Satna, (MP).**

This is case of Murrum and Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 154 (P)), Village - Rampur Khurd, Tehsil - Majhgawa, Dist. Satna, (MP) 1.810 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2410 dated: 16/09/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Kachcha Road	Adjacent to lease	South-East	Setback of 10 meters to be left towards road side.
Pucca Road	50	West	Three rows plantation towards road side.
Human settlements	30	West	<ul style="list-style-type: none"> <li>• Protection plan is needed</li> <li>• Control blasting with sand bags</li> </ul>
Trees	Within lease	-	No tree cutting as submitted by PP.

case was presented by PP and their consultant, wherein during presentation it was recorded that as per the Google image that one more mine is seems to be exists within lease area (That mine is listed in this meeting as case number 6674/2019) however submitted Mining Officer letter No. 2410 dated: 16/09/19 has reported that there are no more mines operating or



proposed within 500 meters around the said mine. Committee after deliberation decided that PP shall obtain clear justification regarding number of mines in 500 meters around the said mine and same should be verified by the competent authority. Along with this PP shall submit the reply of following queries for further consideration of this case:

- Inventory of all exiting trees in lease area and commitment that no tree cutting is proposed.
- Revised EMP as suggested by the committee during presentation.
- Revised surface Map showing setback of 10 meters in lease from nearest Kachcha Road.
- Revised CER by adding traffic rule awareness camp as suggested by the committee during presentation.

8. **Case No. – 6674/2019 Shri Shivmangal Singh Gour, Basant Vihar, 301, Gulmohar Basant Vihar, Dist. Indore, MP - Prior Environment Clearance for Murrum and Stone Quarry in an area of 1.619 ha. (Murrum – 5,000 cum per annum, Stone – 10,000 cum per annum ) (Khasra No. 22/1/1 (P)), Village - Ranipur, Tehsil - Majhgawa, Dist. Satna, (MP).**

This is case of Murrum and Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 22/1/1 (P)), Village - Ranipur, Tehsil - Majhgawa, Dist. Satna, (MP) 1.619 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2412 dated: 16/09/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by PP and their consultant, wherein during presentation it was recorded that as per the Google image one more mine is seems to be exists within lease area at a distance of approximately 120 meters (That mine is listed in this meeting as case number 6659/2019) however Mining Officer vide letter No. 2412 dated: 16/09/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine. Committee after deliberation decided that PP shall obtain clear justification regarding number

of mines in 500 meters around the said mine and same should be verified by the competent authority for further consideration of this case.

**9. Case No. – 6662/2019 Shri Omprakash Yadav S/o Shri Bhagwan Prasad Yadav, Village - Bharuhara, Tehsil - Unchehra, Dist. Satna, MP - 485661 Prior Environment Clearance for Flag Stone Quarry in an area of 1.759 ha. (2,970 cum per annum) (Khasra No. 132/1KA2), Village - Pipra, Tehsil - Unchehra, Dist. Satna, (MP).**

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 132/1KA2), Village - Pipra, Tehsil - Unchehra, Dist. Satna, (MP) 1.759 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 2342 dated: 05/09/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 3.475 ha., including this mine.

The case was presented by PP and their consultant, wherein PP submits that since it is a Flagstone Quarry no blasting is proposed. Mining shall be through Opencast Semi Mechanized Method. After presentation the committee asked to submit following details:

- Revised EMP by replacing over-head water sprinkling system to tanker.
- Copy of agreement.

PP has submitted the response of above quarries same date vide letter dated 27.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 shall be as per mine plan with quantity not exceeding for Flagstone 2,970 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 4.74 Lakh as capital and Rs. 1.84 Lakh/year. Under CER Rs. 0.50 Lakh/ year has proposed.

10. **Case No. – 6675/2019 M/s Ashish Infracon Pvt. Ltd, - M/s NCC Infraspac Pvt. Ltd (JV), 602, Indraprasth Corporate, Opp. Shell Petrol pump, Ahmedabad, Gujrat Camp - Indore Naka, Aboove Honda Showroom, Dist. Khandwa, MP –452020 Prior Environment Clearance for Stone Quarry in an area of 1.40 ha. (89,700 cum per annum) (Khasra No. 341), Village - Ambapat, Tehsil - Khandwa, Dist. Khandwa, (MP).**

This is case of Stone TP Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 341), Village - Ambapat, Tehsil - Khandwa, Dist. Khandwa, (MP) 1.40 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 63 dated: 18/10/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. During presentation and appraisal of the case through Google image based on coordinates provided by PP, following sensitive features were observed within 500 meters of the lease area:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Pucca Road	30	North	<ul style="list-style-type: none"><li>• Setback of 20 meters to be left towards road side.</li><li>• Control blasting with sand bags.</li></ul>

During presentation it was recorded that the proposed mining activity will be carried out by the existing open cast manual/semi mechanized. It is a temporary permit of 03 years. PP proposed that crusher will be installed within lease area for which committee recommended that the position of crusher should be 100 meters away from the nearest road. Committee also suggests PP should carried-out block mining, in this mine should be progress in 5 blocks; during first year instead of blasting mining would be through "Rock-Barker" that will aid in protection from blasting to traffic movements on 30 meters Pucca Road. After presentation the committee asked to submit following details:

- Commitment from PP that in first year instead of blasting mining would be through "Rock-Barker" shall be carried-out.

- Revised Surface Map showing the location of crusher and it should be 100 meters away from nearest Pucca road.
- Protection measures due to blasting.

PP has submitted the response of above quarries same date vide letter dated 27.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 shall be as per mine plan with quantity not exceeding for Stone 89,700 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.31 Lakh as capital and Rs. 2.48 Lakh/year. Under CER Rs. 0.70 Lakh/year has proposed.

**11. Case No. – 6646/2019 Shri Mahendra Sharma S/o Shri Ramavtar Sharma, 23A, New Sarika Nagar, Darpan Colony, Thatipur, Near BVM College, Gird Gwalior, Dist. Gwalior Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (50,000 to 3,00,000 cum per annum) (Khasra No. 1772), Village - Prakash Bamhauri, Tehsil - Gaurihar, Dist. Chhatarpur, (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1772), Village - Prakash Bamhauri, Tehsil - Gaurihar, Dist. Chhatarpur, (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 3399 dated: 06/07/19 has reported that there are no more mines operating or proposed within 500 meters around the said.

The case was presented by PP and their consultant wherein it was recorded that this is case of capacity expansion from 50,000 to 3,00,000 cum per annum. PP has annexed the earlier EC issued from DEIAA Chhatarpur vide letter no 2700/DEIAA/EC/2017 dated 13/11/2017. PP further submits the half annually compliance report vide letter dated 07/11/2019 to competent authority and present the copy of same during presentation.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	30	East	Protection plan is needed.
Habitation	100 70	North South	Protection plan is needed.
Trees	Within lease	North-East	Commitment of PP that no tree cutting shall be carried-out without permission from competent authority.
One Residential Structure	Within lease	South	Protection plan is needed.

During presentation, it was observed by committee that within 500 meters radius, two other mines seems to be in operation where mining is being carried out since 2017 which can be verified through Google image (from 2017 to 2019) as in 2017 entire hillock was intact wherein in 2019 most part of hillock is mined out but Mining Officer vide letter No. 3399 dated: 06/07/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine which is doubtful on above grounds. Thus committee after deliberation decided that PP shall obtain clear justification regarding number of mines in 500 meters around the said mine on grounds stated above and same should be verified by the competent authority. Further it was observed by the committee that two residential areas are in existence in close vicinity of the lease and considering the proposed volume of excavation (3,00,000 cum per annum) and movement of heavy transportation involved, the detailed protection plan shall be submitted. Committee also proposed to carryout site visit of this lease after submission of revised MO certificate and following details from PP for further consideration of this case.

- Revised M.O certificate regarding number of mines within 500 meters radius of this mine.
- Commitment from PP that existing Residential shelter in lease shall be converted into site office.
- Inventory of trees in lease area with commitment that no tree cutting shall be carried-out without permission from competent authority and area will be declared as non mining area.
- Protection plan for nearest habitations and kachha road on East side considering high volume of mineral excavation and proposed rate of blasting.

- Commitment of PP for providing pucca evacuation route to carry 40 MT truck load considering the production vary high capacity with atleast 7.5 meters width and shoulders of 0.5 meters each on both sides. Commensurate budget for evacuation route shall be provided in the EMP.
- Commitment of PP that no evacuation shall be carried out from the village side.

**12. Case No. – 6649/2019 M/s Barbareek Project Ltd, Shri Amit Singh Baghel, Project Manager, Navjeevan Vihar, Post - Vindyanagar, Dist. Singrauli, MP – 486885 Prior Environment Clearance for Murrum/Soil Quarry in an area of 4.25 ha. (2,40,278 cum per annum) (Khasra No. 1018 Part), Village - Koyalkhunth, Tehsil - Mada, Dist. Singrauli, (MP).**

This is case of Murrum/Soil Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1018 Part), Village - Koyalkhunth, Tehsil - Mada, Dist. Singrauli, (MP) 4.25 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 539 dated: 19/07/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation as per Google image based on coordinates provided by PP, within 500 meters following sensitive features were observed of the lease area:

<b>Sensitive Features</b>	<b>Approximate aerial distance from the lease area in meters</b>	<b>Direction</b>	<b>Remarks</b>
Kachcha Road	Crossing the lease	West	<ul style="list-style-type: none"> <li>• Right to access shall be provided by the PP from 7.5 meters of barrier zone.</li> <li>• Setback of 10 meters from the road in the lease shall be maintained.</li> <li>• No blasting proposed.</li> </ul>
Trees	Within lease	North-East	Commitment that no tree cutting shall be carried-out without permission from competent authority.

The case was presented by PP and their consultant wherein it was recorded that all mining operations will be undertaken by Semi-Mechanized Method by deploying machineries and No drilling and blasting is proposed. It is a temporary permit of 1 year. After presentation the committee asked to submit following details:

- Commitment from PP that right to access shall be provided by the PP on Kachcha road in lease from 7.5 meters of barrier zone.
- Commitment that no tree cutting shall be carried-out without permission from competent authority.
- Revised plantation scheme as suggested by the committee during presentation.
- Since production capacity is 2,40,278 cum/annum and the mineral is Murrum/Soil hence PP need to submit slope stability of proposed RAMP
- Revised EMP by replacing over-head water sprinkling system to tanker.
- Proposal for prosopis seed sowing on excavated soil of garland drain.

PP has submitted the response of above quarries same date vide letter dated 27.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 shall be as per mine plan with quantity not exceeding for Murrum/Soil Quarry 2,40,278 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 24.05 Lakh as capital and Rs. 11.12 Lakh/year. Under CER Rs. 5.20Lakh/ year has proposed.
3. PP shall maintain the setback of 10 meters from the road in the lease.

**13. Case No. – 6657/2019 M/s S.R.Mines & Minerals Company, Partner Shri Girraj Singh Parmar, Panchvati Colony, AB Road, Bahodapur, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (79,486 cum per annum) (Khasra No. 414/1 (P)), Village - Ghuma, Tehsil - Teonthar, Dist. Rewa, (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 414/1 (P)), Village - Ghuma, Tehsil - Teonthar, Dist. Rewa, (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter No. 5899 dated: 06/11/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.00 ha., including this mine.

The case was presented by PP and their consultant wherein it was recorded that all mining operations will be undertaken by Semi-Mechanized Method by deploying machineries. After presentation the committee asked to submit following details:

- All the necessary documents that DFO and Tehsildar's certificate are to be submitted by the PP.

PP has submitted the response of above quarries same date vide letter dated 27.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 shall be as per mine plan with quantity not exceeding for Stone Quarry 79,486 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.99 Lakh as capital and Rs. 3.91 Lakh/year. Under CER Rs1.60Lakh/ year has proposed.

**14. Case No. – 6656/2019 M/s S.R.Mines & Minerals Company, Partner Shri Girraj Singh Parmar, Panchvati Colony, AB Road, Bahodapur, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (79,133 cum per annum) (Khasra No. 414/1 (P)), Village - Ghuma, Tehsil - Teonthar, Dist. Rewa, (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 414/1 (P)), Village - Ghuma, Tehsil - Teonthar, Dist. Rewa, (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter No. 5900 dated:



06/11/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine total area of 4.00 ha., including this mine.

The case was presented by PP and their consultant wherein it was recorded that all mining operations will be undertaken by Semi-Mechanized Method by deploying machineries. After presentation the committee asked to submit following details:

- All the necessary documents that DFO and Tehsildar' certificate are to be submitted by the PP.

PP has submitted the response of above quarries same date vide letter dated 27.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 shall be as per mine plan with quantity not exceeding for Stone Quarry 79,133 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 9.38 Lakh as capital and Rs. 3.81 Lakh/year. Under CER Rs1.50Lakh/ year has proposed.

**15. Case No. – 6666/2019 Shri Santosh Shukla, Village - Kudari, Tehsil & Dist. Sagar, MP – 470115 Prior Environment Clearance for Crusher Stone Quarry in an area of 2.00 ha. (2,025 cum per annum) (Khasra No. 56), Village - Kudari, Tehsil - Sagar, Dist. Sagar, (MP).**

This is case of Crusher Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 56), Village - Kudari, Tehsil - Sagar, Dist. Sagar, (MP) 2.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 283 dated: 04/09/19 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was scheduled for the presentation but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any

commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

**16. Case No. – 6672/2019 Shri Rohit Kumar Sharma, C.P.Mission Compound, Dist. Jhansi, UP – 472001 Prior Environment Clearance for Granite (Dimension Stone) Mine in an area of 4.00 ha. (1,200 cum per annum) (Khasra No. 21), Village - Vijaypur, Tehsil - Mohangarh, Dist. Tikamgarh, (MP).**

This is case of Granite (Dimension Stone) Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 21), Village - Vijaypur, Tehsil - Mohangarh, Dist. Tikamgarh, (MP) 4.00 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Tehsildar Office letter No 2328 dated: 03/09/2019 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by PP and their consultant wherein it was recorded that some trees in lease area and the method of mining will be open cast fully mechanized. The quarrying operation will be carried out with developing benches with machines. This is a fresh grant lease with hillock of 330-327mRL. Mining operations are proposed in Northern part of lease area with only one bench. The bench advancement will be east –west. During production MSL reach 329m-321m. During Five year production approx. 0.75 ha area will be developed before production of granite and total ultimate depth in five year will be 8m including OB bench. After presentation the committee asked to submit following details:

- Inventory of trees in ML area.
- Since it is a Granite mining hence slurry Management plan is to be submitted by the PP

PP has submitted the response of above quarries same date vide letter dated 27.11.2019, which was placed before the committee and the same found satisfactory. The EMP 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 shall be as per mine plan with quantity not exceeding for Granite Quarry 1,200 cum/annum.
2. A budgetary provision for Environmental management Plan of Rs. 26.47 Lakh as capital and Rs. 4.14 Lakh/year. Under CER Rs1.20Lakh/ year has proposed.

**17. Case No. – 5775/2018 Sarpanch, Gram Panchayat Bachhwada, Village Amkhedi Tehsil Bbai, District Hoshangabad (MP)-461001 Prior Environment Clearance for Sand Mine in an area 10.00 ha. for production capacity of 1,21,500 cum/year at Khasra no.-48 Village Amkhedi, Tehsil Babai District Hoshangabad (MP).**

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at Village Amkhedi, Tehsil Babai District Hoshangabad (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, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector's office vide letter no. 35 dated: 03/4/2018 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was presented by the PP and their consultant in 334<sup>th</sup> SEAC meeting dated 30/11/2018. During presentation it was observed by the committee that following details are not submitted by PP:

- Replenishment details of sand are not provided in the mine plan.
- District Survey Report
- Water Demand Chart
- Revised CSR activity in the affected village as suggested by the committee.
- Revised EMP as suggested by the committee

Thus PP was asked to provide replenishment details duly approved by the competent authority for further consideration of the project.

PP has submitted the response of above quarries same date vide letter dated 30.11.2018, which was placed before the committee and the same found satisfactory. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence Committee after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to

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

- Production of Sand as per mine plan with quantity not exceeding 1,21,500 cum/year.
- District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
- Evacuation of sand should not be allowed through the roads passing through the villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
- The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
- No diversion of active channel should be allowed for mining.
- The lease area should be clearly distinguished and earmarked at the site.
- A budgetary provision for Environmental management Plan of Rs. 6,32,500.00 lacks In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return. Under CSR Rs. 03.00 lacks/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.

SEIAA vide letter no 3221 dated 19/11/2019 has forwarded this case to SEAC by stating that: Hon'ble NGT (PB) vide order dated 26.07.2019 has given following direction in OA No 726/2018-Mr Rupesh Pethe Vs State of M.P. & others:

*“The mining lease has to be granted only after Environmental Management Plan is reviewed by the SEIAA following the sustainable Sand Mining Guidelines -2016 of MoEF & CC of the year 2016”.*

The state of M.P. may ensure compliance of the judgment of the Hon'ble Supreme Court in Deepak Kumar (Supra) and of his Tribunal in Satendra Pandey (Supra) and permit mining only after Environmental Management Plan is approved by the SEIAA”.

In compliance of the above order dated 26.07.19 passed by Hon'ble NGT in the matter of OA No. 726/2018, the District Mining Officer, Hoshangabad has written letter dated 4.10.19 to Gram Panchayat to get EMP approved by SEIAA for operation of sand mining. In this reference, PP has submitted Environmental Management Plan in SEIAA vide letter dated 15.10.19 for necessary action. After discussion, it was decided to send the EMP submitted by PP to SEAC for review and critical examination for considering necessary approval as per direction of Hon'ble NGT

Based on above submission this case was scheduled for EMP presentation and discussion. The case was presented by the PP and their consultant wherein after discussion committee asked PP to submit following details:

- Copy of valid consent obtained from MPPCB and EC obtained from DEIAA. (For cases which have obtained EC from DEIAA and the same is not attached with submitted EMP)
- Details of mineral evacuated during last year.
- Copy of 06 monthly compliance reports submitted to SEIAA with details of the expenditure done under EMP and CER with supporting photo's and documentary proofs as per SEIAA OM No.930/SEIAA/2019 dated 30.05.2019.
- Revised EMP proposal with replenishment details for approval as per Hon'ble NGT (PB) vide order dated 26.07.2019.
- Valid affidavit of RQP as per SEIAA OM No.1216/SEIAA/2019 dated 20.06.2019.

**18. Case No.-5127/2016 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 11.00 ha. (1,65,000 cum/year) at Khasra no.-118/1, Village-Barandua, Tehsil-Hoshangabad, District-Hoshangabad (MP).**

This is case of River Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is at Khasra no.-118/1, Village-Barandua, Tehsil-Hoshangabad, District-Hoshangabad (MP) 11.00 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.-3348, dated: -10/10/15, 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 18<sup>th</sup> SEAC-II meeting dated 13/04/2016, wherein it was observed from the Google image (13/12/2015) based on the co-ordinates provided by PP that some part of the QL area is submerged in the stream. PP submitted that it's an old image and enough area is available for mining of 1,65,000 cum/year of sand. PP was asked to justify the area available for mining leaving the submerged area. PP has submitted the revised area of sand available leaving area submerged in river. The other submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

- Production of Sand as per mine plan with quantity not exceeding 1,65,000 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.
- 12 meter area be left from the eastern side of the bank in the QL as no mining area to avoid bank erosion.

SEIAA vide letter no 3199 dated 18/11/2019 has forwarded this case to SEAC by stating that: Hon'ble NGT (PB) vide order dated 26.07.2019 has given following direction in OA No 726/2018-Mr Rupesh Pethe Vs State of M.P. & others:

*“The mining lease has to be granted only after Environmental Management Plan is reviewed by the SEIAA following the sustainable Sand Mining Guidelines -2016 of MoEF & CC of the year 2016.*

The state of M.P. may ensure compliance of the judgment of the Hon’ble Supreme Court in Deepak Kumar (Supra) and of his Tribunal in Satendra Pandey (Supra) and permit mining only after Environmental Management Plan is approved by the SEIAA”.

In compliance of the above order dated 26.07.19 passed by Hon’ble NGT in the matter of OA No. 726/2018, the District Mining Officer, Hoshangabad has written letter dated 18.10.19 to Gram Panchayat Talnagari to get EMP approved by SEIAA for operation of sand mining. In this reference, PP has submitted Environmental Management Plan in SEIAA vide letter dated 23.10.19 for necessary action. After discussion, it was decided to send the EMP submitted by PP to SEAC for review and critical examination for considering necessary approval as per direction of Hon’ble NGT

Based on above submission this case was scheduled for EMP presentation and discussion. The case was presented by the PP and their consultant wherein after discussion committee asked PP to submit following details:

- Copy of valid consent obtained from MPPCB and EC obtained from DEIAA. (For cases which have obtained EC from DEIAA and the same is not attached with submitted EMP)
- Details of mineral evacuated during last year.
- Copy of 06 monthly compliance reports submitted to SEIAA with details of the expenditure done under EMP and CER with supporting photo’s and documentary proofs as per SEIAA OM No.930/SEIAA/2019 dated 30.05.2019.
- Revised EMP proposal with replenishment details for approval as per Hon’ble NGT (PB) vide order dated 26.07.2019.
- Valid affidavit of RQP as per SEIAA OM No.1216/SEIAA/2019 dated 20.06.2019.

**19. Case No.4858/15 Shri Kailash Chandra Gupta, M/s Sainik Foods Pvt. Ltd., Sub Lessee, M.P. State Mining Corporation Ltd., H.I.G.G.D-5, Dindayal Nagar, Phase-1, Kanth Road, Muradabad (UP)-487221 Prior Environment Clearance for approval of Sand Mine in an area of 24.00 ha. (3,60,000 cum/year) at Khasra No.-1/1, Village-Pawarkheda, Tehsil-Babai, District-Hoshangabad (MP).**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-1/1, Village-Pawarkheda, Tehsil-Babai,

District-Hoshangabad (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 RFO. Concerned Mining Officer vide letter no. 2747 dated: 15/7/2015 has reported that there are 4 more mines operating or proposed within 1000 meters around the said mine with total area of 306.284 ha including this mine.

The case was earlier discussed in the 05<sup>th</sup> SEAC-II meeting dated: 17/02/2016 wherein it was observed that concerned Mining Officer vide letter no. 2747 dated: 15/7/2015 has reported that there are 4 more mines operating or proposed within 1000 meters around the said mine with total area of 306.284 ha including this mine. It being a case of cluster where the total area is > 25 ha it was decided to consider this case as B-1 and committee recommended to issue standard TOR prescribed by MoEF&CC with following additional TORs:-

1. Detailed evacuation plan is to be discussed in the EIA report.
2. EIA/EMP is required to be prepared for entire cluster in order to cover all the possible externalities. The report should cover carrying capacity, transportation and other related issues for the cluster.
3. Photographs and maps depicting all the mines present in the cluster.
4. On a Google map, show all the mines in a cluster with all four co-ordinates of individual mines.
5. The date and duration of carrying out the base line data collection and monitoring be informed to the concerned Regional Officer of the M. P. Pollution Control Board.
6. Photographs of individual mine during EIA process with date.
7. Justify the production from each mine and also justify the duration when mining is possible.
8. If on the evacuation route there are human settlements justify how they will be protected or suggest alternate evacuation route.
9. Show on a map, where temporary storage facility of sand will be created along with environmental protection measures proposed for such storage facility.
10. Discuss and assess impacts of sand mining on pisciculture.
11. Discuss and assess impacts of sand mining on agricultural practices (such as growing of water melons etc) if taking place in the cluster area.
12. Discuss the measures that will be adopted for the bank erosion.



13. Indicate in EIA the structures such as bridges/barrages/dams close to individual leases in cluster and effects of mining on their structure stability with protection plan.
14. Provide the historical data of last 05 years about the sand already evacuated and the replenishment capacity of individual mine lease. For justifying the replenishment of sand in the QL area, RL should be recorded at an interval of 100 meters and sand reserves should be calculated on the basis of RL. On the basis of RL and readings in measurement book (MB) the replenishment should be calculated.
15. If a habitation is in close vicinity of ML area then possible impacts & mitigation measures be addressed in EIA.

As per the above, the TOR was issued to the PP vide letter no. 603 date: 15/3/2016

MP State Mining Corporation Limited, Bhopal vide their letter no. 397 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer vide letter no.492 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. 3872/46/2005/02 dated 03/10/2005 and thus does not falls under the preview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.

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

The case was presented by the PP and their consultant in 54<sup>th</sup> SEAC-II meeting dated 14/10/2016 wherein it was observed that PP has submitted the replenishment plan which is forwarded by the SEIAA vide letter no. 3509/SEIAA/16 dated 12/09/2016. After presentation, it was observed that the other submissions made by PP were found satisfactory and acceptable and thus the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production of Sand as per mine plan with quantity not exceeding 3,60,000 cum/year.

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

The case was scheduled for the presentation wherein it was recorded that PP vide letter dated 26/11/2019 has submit a letter that due to some unavoidable conditions our authorized signatory will not be available to attend the meeting. Committee decided to call the PP in subsequent meetings of SEAC.

**20. Case No. 3515/15 Shri Neeraj Sharma, E-1/44, Shalimar Seven Garden, Hoshangabad Road, Bhopal Prior E.C for approval of Sand Mine in an area of 10.00 ha. (1,75,000 cum/year) at Khasra No.-126, Vill.-Raipur, Teh.-Hoshangabad, District-Hoshangabad (MP).**

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-126, Vill.-Raipur, Teh.-Hoshangabad, District-Hoshangabad (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 1000 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO.

Earlier this case was discussed in 53<sup>rd</sup> SEAC-II meeting dated-13/10/2016 wherein it was recorded that:

*“Please refer 236<sup>th</sup> SEAC meeting dated-01/11/2015 TOR was approved. As per the above, the TOR was issued to the PP vide letter no. 08 dated 28/01/2016.*

*MP State Mining Corporation Limited, Bhopal vide their letter no.397 dated 09/08/2016 has also informed that it is a case of non-cluster as per GOI, MoEF&CC notification dated 01/07/2016 as this lease was sanctioned prior to the 09/09/2013. Concerned Mining Officer*

*vide letter no.455 dated 29/07/2016 has issued a certificate stating that above lease was sanctioned vide order no. F4-1/2010/12/01 dated 22/09/2010 and thus does not falls under the preview of cluster approach as per GOI, MoEF&CC notification dated 01/07/2016.*

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

Case was presented by PP and their consultant in 59 SEAC-II meeting dated 11/11/2016. During presentation, it was observed that a representation vide letter dated 06/09/2016 is submitted which was forwarded by SEIAA vide letter no. 3418/SEIAA/16 dated 12/09/2016 along with replenishment plan. As per the representation, revised certificate is issued by the Conservator Forest, Hoshangabad, M.P., stating that Ratapani Abhayaran is at a distance of 9.20 kms (a Notified PA) from Khasra No. 126. Earlier TOR was issued to for this case on the basis of certificate issued by DFO, Hoshangabad, issued vide letter no. 3881 dated 15/04/2015 stating that no notified PA within 10 kms radius. Committee after deliberations decided that since revised certificate is issued by Conservator Forest, Hoshangabad, clearance from NBWL is therefore needed and thus PP was asked to apply online for NBWL clearance and a copy of the application may be submitted to SEAC for further appraisal of the project. During presentation PP informed that they have applied online for NBWL clearance and submitted a copy of the same. On perusal of the document submitted by PP during presentation, it was observed by the committee that PP has submitted online application for wild life clearance with proposal no. FP/MP/MIN/1061/2016 and date of submission is 09/10/2016 and thus the case was considered for presentation. After presentation, PP was asked to submit following information:

1. Revised EMP with cost justification for dust suppression and road maintenance.
2. Water demand chart considering the volume of water required for dust suppression.

The PP vide letter dated 06/11/2016 has submitted the reply which was placed before the committee for further evaluation. The committee after deliberation observed that the PP has submitted the desired information which is satisfactory and acceptable, hence the committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'B':

1. Production of Sand as per mine plan with quantity not exceeding 1,75,000 cum/year.

2. District Authority should record the deposition of sand in the lease area at an interval of 100 meters annually in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority may allow lease holder to excavate the replenished quantity of sand in the subsequent year.
3. Evacuation of sand should not be allowed through the roads passing through the villages.
4. Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
5. If causeway (Rapta) is required to be constructed for mining. It should be removed completely before rainy season every year.
6. The river bank from where access ramps are made should be restored and access should be closed every year before rainy season.
7. No diversion of active channel should be allowed for mining.
8. The grant of Environmental Clearance should be subject to necessary Wild Life Clearance from NBWL to be obtained by PP.

SEIAA vide letter no 3201 dated 18/11/2019 has forwarded this case to SEAC by stating that: Hon'ble NGT (PB) vide order dated 26.07.2019 has given following direction in OA No 726/2018-Mr Rupesh Pethe Vs State of M.P. & others:

*"The mining lease has to be granted only after Environmental Management Plan is reviewed by the SEIAA following the sustainable Sand Mining Guidelines -2016 of MoEF & CC of the year 2016".*

The state of M.P. may ensure compliance of the judgment of the Hon'ble Supreme Court in Deepak Kumar (Supra) and of his Tribunal in Satendra Pandey (Supra) and permit mining only after Environmental Management Plan is approved by the SEIAA".

In compliance of the above order dated 26.07.19 passed by Hon'ble NGT, PP has submitted Environmental Management Plan in SEIAA vide letter dated 22.10.19 for necessary action. After discussion, it was decided to send the EMP submitted by PP to SEAC for review and critical examination for considering necessary approval as per direction of Hon'ble NGT

Based on above submission this case was scheduled for EMP presentation and discussion. The case was presented by the PP and their consultant wherein after discussion committee asked PP to submit following details:

- Copy of valid consent obtained from MPPCB and EC obtained from DEIAA. (For cases which have obtained EC from DEIAA and the same is not attached with submitted EMP)
- Details of mineral evacuated during last year.

- Copy of 06 monthly compliance reports submitted to SEIAA with details of the expenditure done under EMP and CER with supporting photo's and documentary proofs as per SEIAA OM No.930/SEIAA/2019 dated 30.05.2019.
- Revised EMP proposal with replenishment details for approval as per Hon'ble NGT (PB) vide order dated 26.07.2019.
- Valid affidavit of RQP as per SEIAA OM No.1216/SEIAA/2019 dated 20.06.2019.

**DISCUSSION BASED ON QUERY REPLY SUBMITTED BY PP/PENDING SINCE LONG**

21. **Case No. - 5679/2018 M/s Prashant Sagar Builders and Developers Pvt. Ltd, Mr. Sanjay Anand, 57-FA, Scheme No. 94, Pipliyahana Junction, Rind Road,, Indore, (M.P.) – 452016. Prior Environment Clearance for Group Housing Project "Highway Karuna Sagar" Plot Area: 26890.0 Sqm, Built-up Area : 58135.336 Sqm, Built-up Area Constructed : 32862.95 Sqm, at Khasra No. -176/1, 177/3, 178/1,179/4/2, Village - Kanadia, Tehsil & Distt. - Indore, (M.P.) Cat. 8(a) Project. [Env. Con. – EQMS India Pvt. Ltd. Delhi.]**

This is case of Prior Environment Clearance for Group Housing Project "Highway Karuna Sagar" Plot Area: 26890.0 Sqm, Built-up Area: 58135.336 Sqm, Built-up Area Constructed: 32862.95 Sqm, at Khasra No.-176/1, 177/3, 178/1,179/4/2, Village - Kanadia, Tehsil & Distt. - Indore, (M.P.) Cat. 8(a) Project.

Earlier this case was scheduled in 319<sup>th</sup> SEAC meeting dated 22/06/2018 wherein ToR (For Violation) has been recommended.

PP has submitted the EIA report vide letter dated 22/01/2019 which was forwarded through SEIAA vide letter no. 2091 dated 31/01/2019 which was placed before committee.

The case was scheduled for the EIA presentation in 345<sup>th</sup> SEAC meeting dated 21/02/2019 but neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings of SEAC.

In this meeting (350<sup>th</sup> SEAC dated 15/03/2019); the EIA incorporating remediation plan and natural community resource augmentation plan was presented by the PP and their consultant.

After presentation and discussions it was observed by the committee that the remediation plan and natural community resource augmentation plan submitted by PP needs to be revised as suggested by committee. PP was asked to submit following information:

1. Re-assess the cost of remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation as suggested by the committee. The cost shall be bifurcated in capital and recurring of both the phases as construction & operation phase. It should also be noted that all the compliance shall be supported by documentary proofs, such as bills, CA audit, certificates, photographs etc.
2. Copy of order passed by H'ble court under EPA act 1986.
3. Utilization- wise Land Use details as per approved T& CPO Plan.
4. Proof of land ownership.
5. Commitment of PP regarding no tree felling is being done, no GW extraction.
6. Land distribution (R&R etc.).
7. Water supply NOC from Gram Sabha.
8. Rain water balance chart.
9. Mass balance chart of solid waste during construction and operation stage.
10. Proposed Energy conservation plan.
11. Parking details as per norms, dust suppression details etc.
12. Commitment regarding automatic smoke detection installation in the community hall.

This case was scheduled for the presentation and discussion in 395<sup>th</sup> SEAC meeting dated 30/09/2019 of revised remediation plan and natural community resource augmentation plan as suggested by committee in 350<sup>th</sup> SEAC meeting dated 15/03/2019 wherein neither the Project Proponent (PP) nor his representative was present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Committee decided to call the PP in subsequent meetings.

In the 400<sup>th</sup> SEAC meeting dated 31/10/2019 meeting PP and their consultant presented the revised remediation's plan and natural community resource augmentation plan as suggested by committee in 350<sup>th</sup> SEAC meeting.

PP submitted that –

- Project site is spread over area of 26890.0 sq m and total built-up area is 58135.336 sq m.
- Project comprise of 4 blocks and 15 towers (A-D, P+6, 1188 dwelling units), EWS block (57 units, G+3) and small commercial block (convenient shopping-15 nos)
- Till date ten nos. of towers comprising of 804 nos. DU is constructed.

After deliberation and detailed discussion committee was asked to PP to clarify/addition following points to ascertain remediation's cost and their corresponding EMP budget during construction & operational period:

1. Committee desired to PP that provision of atleast 04 exit gate for evacuation at time of emergency.
2. During construction phase : baseline environmental monitoring data to be revised by incorporating revised sampling of Air-04, DG emission sample- 02, Noise- 04 etc., and these sampling expenditure should be reflected in the EMP budget.
3. Revised proposal as suggested by the committee, the remediation's cost shall be used for plantation/ solar energy etc.
4. An undertaking that
  - i. The area is developed as per the approved master plan.
  - ii. No tree cutting was carried out during execution of this project.
  - iii. 100 % solid waste generated during construction is reused and no waste /debris are in existence on site at present.
  - iv. No issue pertaining to R&R and land ownership is pending.
  - v. Commitment of PP regarding no tree felling is being done for construction activity.
  - vi. No GW was extracted during construction & operation of project.
  - vii. During construction phase RMC was used with its documentary evidence (bills copy to be annexed).
  - viii. Entire top soil was used for plantation & land scape development and no top soil was wasted.
  - ix. No DG sets were used during construction phase along with electricity bills.

PP vide their letter dated 31.10.2019 2019 submitted the revised remediation plan and natural community resource augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation in the tune of suggested guidelines by the committee, with the supported by documentary proofs, such as bills, CA audit, certificates, photographs, prescribed various undertakings and CER.

The revised plan submitted by PP is as follows-

S. No .	Environmental Factors/Attributes	Remedial Plan/Augmentation Plan	Remedial Cost (in INR)		Environmental Management Plan	EMP Cost (in INR)/year		Remark
			Capital Cost	Recurring Cost		Capital Cost	Recurring Cost	
1	Land use as per approved Master plan by T&CP, Indore(LU)							Land use of the project site was agricultural and diversion was obtained for the land for establishment of residential project. Diversion document is attached as <b>Annexure VI</b> . Land use of the site as per Master Plan of Indore, 2021 is Residential. Master Plan of Indore showing project site location is given in <b>Annexure II</b> .
	Construction Phase	No Violation			--	--	--	
	Operation Phase	No Violation			--	--	--	
2	Environmental Sensitive places, land acquisition status, resettlement & rehabilitation (R&R)							Project involves no R&R issues. Land has been purchased from land owners. Land leased documents are given in <b>Annexure V</b> .
	Construction Phase	No Violation			--	--	--	
	Operation Phase	No Violation			--	--	--	
3	Baseline Environment Monitoring							No environment monitoring was done at site. Therefore, cost has been included in Remediation Cost
	Construction Phase	For monitoring of air, water, soil & noise every six month for period of two years 1. Water: 4 GW sample @ 5000/sample, 4 SW sample @ 5000/sample 2. Air: 4 Sample @ 5000/sample, DG 2 sample @ 7500/sample 3. Noise: 2 sample @ 1000/sample, DG set 2 sample @ 1000/sample 4. Soil: 2 sample @ 4000/sample		344000	For monitoring of air, water, soil & noise every six month 1. Water: 4 GW sample @ 5000/sample, 4 SW sample @ 5000/sample 2. Air: 4 Sample @ 5000/sample, DG 2 sample @ 7500/sample 3. Noise: 2 sample @ 1000/sample, DG set 2 sample @ 1000/sample 4. Soil: 2 sample @ 4000/sample	--	172000	
	Operation Phase	For monitoring of air, water, soil & noise every six month for period		702000	For monitoring of air, water, soil & noise every six month 1. Water:	--	117000	



		of five years 1. Water: 2 GW sample @ 5000/sample, 2 SW sample @ 5000/sample, STP inlet & outlet water sample @ 10000/sample 2. Air: 2 Sample @ 5000/sample, DG 1 sample @ 7500/sample 3. Noise: 2 sample @ 1000/sample, DG set 1 sample @ 1000/sample 4. Soil: 2 sample @ 4000/sample			2 GW sample @ 5000/sample, 2 SW sample @ 5000/sample, STP inlet & outlet water sample @ 10000/sample 2. Air: 2 Sample @ 5000/sample, DG 1 sample @ 5000/sample 3. Noise: 2 sample @ 1000/sample, DG set 1 sample @ 1000/sample 4. Soil: 2 sample @ 4000/sample			
4	<b>Air Environment</b>							
	<b>Construction Phase</b>	Water sprinkling	No Violation	No Violation	Water sprinkling		100000	Water sprinkling was done at site. Agreement of Water Tanker supplier attached as <b>Annexure VII.</b>
		Water pipeline- 100m @ Rs 100/m	10000		--	--	--	Proof is not available, therefore cost is taken in Remediation Cost
		2 Water Tanks of 7500 litre @ Rs. 30000	60000		--	--	--	
		Container for Storage of raw material	50000		--	--	--	
		Green Nets for covering building for 6500 sqm area @ Rs 15/sqm	97500		Green Nets for covering building for 6500 sqm area @ Rs 10/sqm	65000	--	
		Barricading of construction area	No Violation	No Violation	--	--	--	Site barricading Bills is attached as <b>Annexure XXI.</b>
		100 Face mask @ Rs 100	10000		50 Face mask @ Rs 100	5000	--	Proof is not available, therefore cost is taken in Remediation Cost
		Vehicle Inspection @ 15,000/year for 2 years		30000	Vehicle Inspection @ 15,000/year for 1 years		15000	
	<b>Operation Phase</b>	Maintenance of 1 no. of DG set/year through AMC for 6 years @ 20,000/year		120000	Maintenance of 1 no. of DG set/year through AMC @ 20,000/year	--	20000	
5	<b>Waste Environment</b>							

6	Construction Phase	5 Dustbin @ Rs 2000/each	10000		5 Dustbin @ Rs 2000/each	10000	Proof is not available, therefore cost is taken in Remediation Cost
		Safety tapes for barricading the waste	5000		Safety tapes for barricading the waste	5000	
		Agency fee for collection & disposal Solid waste for 2 years @ Rs. 500/month		12000	Agency fee for collection & disposal Solid waste for 1 years @ Rs. 500/month	6000	
	Operation Phase	10 Dustbin @ Rs 3000/each	30000		-		Proof is not available, therefore cost is taken in Remediation Cost
		Agency fee for collection & disposal Solid waste for 6 years @ Rs. 1000/month		72000	Agency fee for collection & disposal Solid waste @ Rs. 1000/month	--	
		STP sludge disposal	No Violation	No Violation	STP sludge disposal	Will be used as manure	--
	Water Environment						
Construction Phase	Ground water abstraction	No Violation	No Violation	--	--	--	Water Tanker was used during the construction period. Bill is already attached.
	Construction of Toilets	No Violation	No Violation	--	--	--	Task was part of construction cost so no separate bill available. Photos are attached as <b>Annexure XXIV</b>
	Toilet maintenance and cleaning for 2 years @ 1000/month		24000	Toilet maintenance and cleaning for 1 years @ 1000/month	--	12000	Proof is not available, therefore cost is taken in Remediation Cost
	STP installation of 600 KLD	No Violation	No Violation	--	--	--	STP is constructed; Bills are attached as <b>Annexure 5</b> .
	Construction of 5 RWH KLD	No Violation	No Violation				RWH pits are construction.
	Operation Phase	Abstraction of Ground water	No Violation	No Violation	--	--	--
STP operation and maintenance @ Rs 10,000/month for 6 years		No Violation	No Violation	STP operation and maintenance @ Rs 10,000/month	--	12000 0	STP is being maintained and cleaned by agency. Bills are attached as <b>Annexure xv(b)</b> .

		Maintenance and cleaning of RWH system @ Rs 20,000/twice in a year		120000	Maintenance and cleaning of RWH system @ Rs 20,000/twice in a year	--	20000	Proof is not available, therefore cost is taken in Remediation Cost
		Cleaning and maintenance of water network @ Rs 20,000/twice in a year		120000	Cleaning and maintenance of water network @ Rs 20,000/twice in a year	--	20000	
6	<b>Occupational Health and Safety of construction worker</b>							
	<b>Construction Phase</b>	First aid kit at site	30000		--	--		Proof is not available, therefore cost is taken in Remediation Cost
		PPE for labour	100000		--	--		
		Health chekup for labour twice in a year for 50 labour @ 1000/ labour		200000	--	--	200000	
	<b>Operation Phase</b>	--			--	--	--	
7	<b>Ecology Environment</b>							
	<b>Construction Phase</b>	Cutting of Trees	No tree cutting	No tree cutting	--	--	--	No tree was felled. No tree was present on the land. Same is written in Diversion document
		Development of Green Area	No violation	No Violation				Green area has been developed in the project site. Bills are attached as <b>Annexure 7.</b>
	<b>Operation Phase</b>	Maintenance of green area for 6 years	No violation	No Violation	Maintenance of green area for @ 10000/month	--	120000	Gardner is allocated for maintenance of landscape. Salary Bill are already attached as <b>Annexure 11.</b>
8	<b>Soil Environment</b>							
	<b>Construction Phase</b>	Disposal of excavated soil (4099 tonnes = 50% used on site = 2050) @ Rs. 300/ truck of 10 tonnes		63000	--	--	--	Proof is not available, therefore cost is taken in Remediation Cost
	<b>Operation Phase</b>	--			--	--	--	
9	<b>Noise Environment</b>							
	<b>Construction Phase</b>	Site barricading	No Violation	No Violation	--	--	--	Already included in air
		Ear plugs for labour@ Rs 100/pcs (50 pcs)	5000			--	--	Proof is not available, therefore cost is taken in Remediation Cost

	<b>Operation Phase</b>	Replacement of Vibration pads of DG set (once in five years)	30000		Replacement of Vibration pads of DG set	30000		
9	<b>Energy Conservation</b>							
	<b>Construction Phase</b>	--			--	--	--	
	<b>Operation Phase</b>	Installation of LED	No Violation	No Violation	--	--	--	Photos are attached as <b>Annexure XX</b>
		Solar Panel	No Violation	No Violation				
9	<b>Transportation of Trucks</b>							
	<b>Construction Phase</b>	Tarpaulin covers for trucks		30000	--	--	--	It was ensured all trucks carrying construction material were covered.
	<b>Operation Phase</b>	--			--	--	--	
10	<b>Disaster Management Plan</b>							
	<b>Construction Phase</b>	Earthquake resistant structure	No Violation	No Violation	--	--	--	Already included in cost of project
		Fire fighting system	No Violation	No Violation				Fire NOC is obtained which is attached as <b>Annexure XXIII</b> .
	<b>Operation Phase</b>	Quarterly training@ 2,000/training for 6 years		36000	Quarterly training@ 2,000/training		6000	Cost is taken under remediation
	<b>Total Cost</b>		<b>437500</b>	<b>1873000</b>		<b>115000</b>	<b>940000</b>	
		<b>Remediation Cost</b>	<b>2310500</b>		<b>Cost of EMP</b>	<b>1055000</b>		
		Penalty paid against credible action	250000		Deduction	0		
		<b>Remaining Remediation Cost</b>	<b>2060500</b>		<b>Cost of EMP</b>	<b>1055000</b>		

Thus as above, PP has proposed Rs. 31.15 Lakhs (Rs. 20.605 Lakhs as Remediation Cost and Rs. 10.55 Lakhs for Environment Management Plan) for this project and PP, M/s Prashant Sagar Builders and Developers Pvt. Ltd, Mr. Sanjay Anand, 57-FA, Scheme No. 94, Pipliyahana Junction, Rind Road,, Indore, (M.P.) – 452016. has proposed to submit bank guarantee of INR Rs. 20.605 Lakhs towards Remediation Plan.

Committee after considering the reply recommends that PP may be asked to deposit the bank guarantee (BG) with three years validity of Rs. 20.605 Lakhs (equivalent to amount proposed in Remediation Plan /Restoration Plan) with the MP Pollution control Board after approval of the SEIAA as per the procedure laid down in the MoEF&CC Notification dated 08/03/2018.

The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of Environment Clearance for Proposed Group Housing Project "Highway Karuna Sagar" Plot Area: 26890.0 Sqm, Built-up Area : 58135.336 Sqm, Built--up Area Constructed : 32862.95 Sqm, at Khasra No. -176/1, 177/3, 178/1,179/4/2, Village - Kanadia, Tehsil & Distt. - Indore, (M.P.)\_ Category: 8 (a) Building & Construction Project. subject to the following special conditions and submission of bank guarantee (BG) with 03 years validity of Rs. 20.605 Lakhs (equivalent to amount proposed in remediation and resource augmentation plan) with the MP Pollution control Board , with following additional conditions:

#### **I. Statutory Compliance**

- i. The project proponent shall obtain all necessary clearance/permission from all relevant agencies including town planning authority before commencement of work. All the construction shall be done in accordance with the local building byelaws.
- ii. The approval of the Competent Authority shall be obtained for structural safety of building due to earthquakes, adequacy of firefighting equipment etc as per National Building code including protection measures from lightening etc.
- iii. The project proponent shall obtain Consent to Establish/Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- iv. The project proponent shall obtain the necessary permission for drawl of ground water/surface water required for the project from the competent authority.
- v. A certificate of adequacy of available power from the agency supplying power to the project along with the load allowed for the project should be obtained.
- vi. All other statutory clearances such as the approvals for storage of diesel from Chief Controller of Explosives, Fire Department, Civil Aviation Department shall be obtained, as applicable, by project proponents from the respective competent authorities.
- vii. The provisions for the solid Waste (Management) Rules, 2016, e-Waste (Management) Rules, 2016, and the Plastics Waste (Management) Rules, 2016 shall be followed.
- viii. The project proponent shall follow the ECBC/ECBC-R prescribed by Bureau of Energy Efficiency, Ministry of Power Strictly.

## **II. Air Quality Monitoring and preservation**

- i. Notification GSR 94(E) dated: 25/1/2018 MoEF & CC regarding Mandatory implementation of Dust Mitigation Measures for Construction and Demolition Activities for project requiring Environmental Clearance shall be complied with.
- ii. A management plan shall be drawn up and implemented to contain the current exceedance in ambient air quality at the site.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released covering upwind and downwind directions during the construction period.
- iv. 01 Diesel power generating sets 620 kVA (10 x 62kVA) proposed as source of backup power should be of enclosed type and conform to rules made under the Environment (Protection) Act, 1986. The height of stack of DG sets should be equal to the height needed for the combined capacity of all proposed DG sets. Use of low sulphur diesel. The location of the DG sets may be decided with in consultation with State Pollution Control Board.
- v. Construction site shall be adequately barricaded before the construction begins. Dust, smoke & other air pollution prevention measures shall be provided for the building as well as the site. These measures shall include screens for the building under construction, continuous dust/ wind breaking wills all around the site plastic/tarpaulin sheet covers shall be provided for vehicles bringing in sand, cement, Murram and other construction materials prone to causing dust polluting at the site as well as taking out debris from the site.
- vi. Sand, Murram, loose soil, cement, stored on site shall be covered adequately so as to prevent dust pollution.
- vii. Wet jet shall be provided for grinding and stone cutting.
- viii. Unpaved surface and loose soil shall be adequately sprinkled with water to suppress dust.
- ix. All construction and demolition debris shall be stored at the site (are not dumped on the roads or open spaces outside) before they are properly disposed. All demolition and construction waste shall be managed as per the provisions of the Construction and Demolition Waste Rules, 2016.
- x. The diesel generator sets to be used during construction phase shall be low sulphur diesel type and shall conform to Environmental (Protection) prescribed for air and noise emission standards.
- xi. The gaseous emission from DG sets 620 kVA (10 x 62kVA) shall be dispersed through adequate stack height as per CPCB standards. Acoustic enclosure shall be provided to the DG sets to mitigate the noise pollution. Low sulphur diesel shall be used. The location of the DG set and exhaust pipe height shall be as per the provisions of the Central Pollution Control Board (CPCB) norms.
- xii. For indoor air quality the ventilation provisions as per National Building Code of India.

### **III. Water quality monitoring and preservation**

- i. The natural drain system should be maintained for ensuring unrestricted flow of water. No construction shall be allowed to obstruct the natural drainage through the site, on wetland and water bodies. Check dams, bio-swales, landscape and other sustainable urban drainage systems (SUDS) are allowed for maintaining the drainage pattern and to harvest rain water.
- ii. Buildings shall be designed to follow the natural topography as much as possible Minimum cutting and filling should be done.
- iii. The total water requirement during operation phase is 886 KLD out of which 615 KLD is fresh water requirement and 271KLD will be the total recycled water generated, out of which 263 KLD recycled water will be used for flushing and 08 KLD water will be used for horticulture.
- iv. The quantity of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The record shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring reports.
- v. A certificate shall be obtained from the local body supplying water, specifying the total annual water availability with the local authority, the quantity of water already committed the quantity of water allotted to the project under consideration and the balance water available. This should be specified separately for separately for ground water and surface water sources, ensuring that there is no impact on other users.
- vi. At least 20% of the open spaces as required by the local building bye-laws shall be previous. Use of Grass pavers, paver blocks with at least 50% opening, landscape etc. would be considered as previous surface.
- vii. Installation of dual pipe plumbing for supplying fresh water for drinking, cooking and bathing etc and other for supply of recycled water flushing, landscape irrigation, car washing, thermal cooling, conditioning etc. shall be done.
- viii. Use of water saving devices/fixtures (Viz. low flow flushing systems; use of low flow faucets tap aerators etc) for water conservation shall be incorporated in the building plan.
- ix. Separation of grey and black water should be done by the use of dual plumbing system. In case of single stack system separate recirculation lines for flushing by giving dual plumbing system be done.
- x. Water demand during construction should be reduced by use of pre-mixed concrete, curing agents and other best practices referred.
- xi. The local bye-law construction on rain water harvesting should be followed. If local by-law provision is not available, adequate provisions for storage and recharge should be followed as per the Ministry of Urban Development Model Building bylaws, 2016. Rain water

harvesting recharge pits/storage tanks shall be provided for ground water recharging as per the CGWB norms.

- xii. A rain water harvesting plan needs to be designed where the recharge bores of minimum one recharge bore per 5,000 square meter of built up area and storage capacity of minimum one day of total fires water requirement shall be provided. In areas where ground water recharge is not feasible, the rain water should be harvested and stored for reuse. The ground water shall not be withdrawn without approval from the Competent Authority.
- xiii. For rainwater harvesting, 09 recharge pits will be constructed for harvesting rain water. Mesh will be provided at the roof so that leaves or any other solid waste/debris will be prevented from entering the pit.
- xiv. So total recharge capacity of this project shall be 10,970.84 m<sup>3</sup>/annum.
- xv. The RWH will be initially done only from the roof top. Runoff from green and other open areas will be done only after permission from CGWB.
- xvi. All recharge should be limited to shallow aquifer.
- xvii. No ground water shall be used during construction phase of the project.
- xviii. Any ground water dewatering should be properly managed and shall conform to the approvals and the guidelines of the CGWA in the matter. Formal approval shall be taken from the CGWA for any ground water abstraction or dewatering.
- xix. The quality of fresh water usage, water recycling and rainwater harvesting shall be measured and recorded to monitor the water balance as projected by the project proponent. The recorded shall be submitted to the Regional Office, MoEF & CC along with six monthly Monitoring report.
- xx. Sewage shall be treated in the FAB based STP (Capacity - 900 KLD). The treated effluent from STP shall be recycled/re-used for flushing. AC makes up water and gardening. As proposed, no treated water shall be disposed in to municipal drain.
- xxi. The waste water generated from the project shall be treated in STP of 900 KLD capacity (based on FAB based technology) and then reused for various purposes. No water body or drainage channels are getting affected in the study area because of this project.
- xxii. No sewage or untreated effluent water would be discharged through storm water drains.
- xxiii. Periodical monitoring of water quality of treated sewage shall be conducted. Necessary measures should be made to mitigate the odour problems from STP.
- xxiv. Sludge from the onsite sewage treatment including septic tanks, shall be collected, conveyed and disposed as per the Ministry of Urban Development, Control Public Health and Environmental Engineering Organization (CPHEEO) Manual on Sewerage and Sewage Treatment Systems, 2013.

#### **IV. Noise monitoring and prevention**

- i. Ambient noise levels shall conform to residential area/commercial area/industrial area/silence zone both during day and night as per Noise Pollution (Control and Regulation)



Rules, 2000. Incremental pollution loads on the ambient air and noise quality shall be closely monitoring during construction phase. Adequate measures shall be made to reduce ambient air and noise level during construction phase, so as to conform to the stipulated standards by CPCB/SPCB.

- ii. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- iii. Acoustic enclosures for DG sets, noise barriers for ground run bays, ear plugs for operating personnel shall be implemented as mitigation measures for noise impact due to ground sources.

**V. Energy Conservation measures.**

- i. Compliance with the Energy Conservation Building Code (ECBC) of Bureau of Energy Efficiency shall be ensured, Building in the State which have notified their own ECBC, shall comply with the State ECBC.
- ii. Outdoor and common area lighting shall be LED.
- iii. Concept of passive solar design that minimize energy consumption in buildings by using design elements, such as building orientation, landscaping, efficient building envelope, appropriate fenestration, increased day lighting design and thermal mass etc. shall be incorporated in the building design. Wall, window, and roof u-values shall be as per ECBC specifications.
- iv. Energy Conservation measures like installation of CFLs/LED's for the lighting the area outside the building should be integral part of the project design and should be in place before project commissioning.
- v. Solar, wind or other renewable energy shall be installed to meet electricity generation equivalent to 1% of the demand load or as per the state level /local building bye-laws requirement, which is higher.
- vi. Solar power shall be used for lighting in the apartment to reduce the power load on grid. Separate electric meter shall be installed for solar power. Solar water heating shall be provided to meet 20% of the hot water demand of the commercial and institutional building or as per the requirement of the local building bye-laws, whichever is higher. Residential buildings are also recommended to meet its hot water demand from solar water heaters, as far as possible.

**VI. Waste Management**

- i. Total waste 3438.8 Kg/day, this consist all types of wastes (as recyclable waste 2430.2 Kg/day and non- recyclable waste 1008.6 Kg/day) and shall be treated/ disposed off as per provision made in the MSW Rules 2016.

- ii. A certificate from the competent authority handling municipal solid wastes, indicating the existing civic capacities of handling and their adequacy to cater to the MSW generated from project shall be obtained.
- iii. Disposal of muck during construction phase shall not create any adverse effect on the neighboring communities and be disposed taking the necessary precautions for general safety and health aspects of people, only in approved sites with the approval of competent authority.
- iv. Separate wet and dry bins must be provided in each unit and at the ground level for facilitating segregation of waste. Solid waste (0.4 ton/day) shall be segregated into wet garbage and inert materials.
- v. All non-biodegradable waste shall be handed over the authorized recyclers for which a written lie up must be done with the authorized recyclers.
- vi. Any hazardous waste generated during construction phase, shall be disposed off as per applicable rules and norms with necessary approvals of the State Pollution Control Board.
- vii. Use of environment friendly materials in bricks, blocks and other construction materials, shall be required for at least 20% of the construction materials quantity. These include fly ash brick, hollow bricks, AACs, Fly Ash Lime Gypsum block, compressed earth blocks and other environmental friendly materials.
- viii. Fly ash should be used as building material in the construction as per the provisions of Fly Ash Notification of September, 1999 and amended as on 27th August, 2003 and 25th January, 2016 Ready mixed concrete must be used in building construction.
- ix. Any wastes from construction and demolition activities related thereto shall be managed so as to strictly conform to the construction and Demolition Rules, 2016.
- x. Used CFLs and TFLs should be properly collected and disposed off/sent for recycling as per the prevailing guidelines/rules of the regulatory authority to avoid mercury contamination.

**VII. Green Cover**

- i. Total 315 trees shall be planted in the area of 2524.6 sq.m (10.0 % ) which is developed as greenbelt development .
- ii. Not tree can be felled/transplant unless exigencies demand. Where absolute necessary, tree felling shall be with prior permission from the concerned regulatory authority. Old trees should be retained based on girth and age regulations as may be prescribed by the Forest Department. Plantations to be ensured species (cut) to species (Planted).
- iii. A minimum of 1 tree for every 80 sqm of land should be planted and maintained. The existing trees will be counted for this purpose. The landscape planning should included plantation of native species. The species with heavy foliage, broad leaves and wide canopy cover are desirable. Water intensive and/or invasive species should not be used for landscaping.

- iv. Where the trees need to be cut with prior permission from the concerned local Authority, Compensatory plantation in the ratio of 1:10 (i.e. planting of 10 trees for every 1 tree that is cut) shall be done and maintained. Plantations to be ensured species (cut) to species (planted). Area for green belt development shall be provided as per the details provided in the project document.
- v. Topsoil should be stripped to depth of 20 cm from the areas proposed for buildings, roads, paved areas, and external services. It should be stack plied appropriately in designated areas and reapplied during plantation of the proposed vegetations on site.

## **VIII Transport**

- i. A comprehensive mobility plan, as per MoUD best practices guidelines (URDPFI), shall be prepared to include motorized, non-motorized, public and private network. Road should be designed with due consideration for environment and safety of users. The road system can be designed with these basic criteria.
  - a. Hierarchy of roads with proper segregation of vehicular and pedestrian traffic
  - b. Traffic calming measures.
  - c. Proper design of entry and exit points
  - d. Parking norms as per local regulation
- ii. Vehicles hired for bringing construction material to the site should be in good condition and should have a pollution check certificate and should conform to applicable air and noise emission standards be operated only during non-peak hours.
- iii. Total proposed Parking's arrangement for 475 ECS (in which 250ECS for Silt parking and 225 for open parking).
- iv. A detailed traffic management and traffic decongesting plan shall be drawn up to ensure that the current level of service of the road within a 05 Kms radius of the project as maintained and improved upon after the implementation of the project. This plan should be based on cumulative impact of the development and increased habitation being carried out or proposed to be carried out by the project or other agencies in this 05 Kms radius of the site in different scenarios of space and time and the traffic management and the PWD/competent authority for road augmentation and shall also have their consent to the implementation of components of the plan which involve the participation of these departments.

## **IX. Human health issues**

- i. All workers working at the construction site and involved in loading, unloading, carriage of construction material and construction debris or working in any area with dust pollution shall be provided with dust mask.
- ii. For indoor air quality the ventilation provisions as per National Building Code of India.

- iii. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implementation.
- iv. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- v. Occupational health surveillance of the workers shall be done on a regular basis.
- vi. A First Aid Room shall be provided in the project both during construction and operations of the project.

**X. Corporation Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated: 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The Environmental policy should prescribe for standard operating procedures to have proper checks and balance and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the Environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six monthly reports.
- iii. A separate Environmental Cell both at the project and company head quarter with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. PP has proposed Rs. 31.15 Lakhs (Rs. 20.605 Lakhs as Remediation Cost and Rs. 10.55 Lakhs for Environment Management Plan) for this project.
- vi. The M/s Prashant Sagar Builders and Developers Pvt. Ltd, Mr. Sanjay Anand, 57-FA, Scheme No. 94, Pipliyahana Junction, Rind Road, Indore, (M.P.) – 452016 has proposed to submit bank guarantee of INR 20.605 Lakh towards Remediation Plan /Restoration Plan.
- vii. For this project PP has proposed Rs 1.875 Crore as Corporate Environment Responsibility (CER) for remaining project component @ 1.5 % of the project cost i.e. INR 125 Crores.

**XI. Miscellaneous**

- i. The project authorities must strictly adhere to the stipulation made by the MP Pollution Control Board and the State Government.
  - ii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee (SEAC)
  - iii. No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
  - iv. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  - v. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India/High Courts and any other Court of Law relating to the subject matter.
22. **Case No. - 5375/2016 Shri Nilesh Upadhyay S/o Rameshchandra Ji Upadhyay, 10, College road, P.O. and District. Jhabua, MP. Prior Environment Clearance for Limestone deposit in an area of 7.50 ha. (85,500 TPA) (Khasra no.46/1) at Village- Kosdana, Tehsil - Gandhewani, Dist. Dhar (MP) EIA Presentation.Env. Cons. M/s Geogreen Enviro House Pvt.Ltd.**

This is case of Limestone deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no.46/1) at Village- Kosdana, Tehsil - Gandhewani, Dist. Dhar (MP) 7.50 ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was presented by the PP and their consultant in 55<sup>th</sup> SEAC-II meeting dated 15/10/2016 wherein ToR were recommended

PP has submitted EIA report vide letter dated 21/01/2019 which was forwarded through SEIAA vide letter no. 2067 dated 24/01/2019

EIA was presented by the PP and their consultant in the 339<sup>th</sup> SEAC meeting dated 29/01/2019.

During presentation in 339<sup>th</sup> SEAC meeting dated 29/01/2019 it was observed by the committee that the site is located very near to a water body which lies on the eastern side. PP has also submitted the MoEF&CC compliance report wherein 03 conditions are reported as non compliant by inspecting authority. After presentation and discussion, PP was asked to submit following informations:

1. Revised working plan with its HFL and RL marked on lease boundary atleast 60 mts to be left as no mining zone from HFL of the water body.
2. Revised machinery, manpower and traffic management plan as per revised working plan.
3. Photographs of the co-ordinates pillar boundary along with its lat/log are to be submitted by the PP.
4. Peripheral drainage pattern on map should be provided with natural drainage pattern.
5. Revised plantation scheme is to be submitted.
6. Organization chart is to be submitted.
7. Revised water balance chart as suggested by the committee.
8. Details of top soil and OB management plan as suggested by committee.
9. Revised EMP & CSR as discussed during presentation.
10. Undertaking from PP that no tree falling is proposed.
11. Approved mining scheme is to be submitted by the PP.
12. Submission of PP on 03 non complaint earlier EC conditions as reported by the MoEF&CC.
13. An undertaking from the PP that all the environmental attributes, production capacity and all other related things are same in Form-I, PFR, Pubic Hearing and final EIA report.

This case was placed before the committee in 374<sup>th</sup> SEAC meeting dated 25/05/2019 for discussion as: Letter was issued to the PP vide letter no. 49 dated 15/02/2019 and reminder was also sent to the PP vide letter no. 188 dated 24/04/2019 giving 15 days time otherwise case will be recommended for delisting. PP so far has not submitted the desired information thus committee after deliberations decided that the case is recommended for delisting in the light of MoEF&CC OM file No. J-11013-5-2009-IA-II (part) dated 30/10/2012.

SEIAA vide letter no 2648 dated 17/10/2019 has forwarded this case to SEAC by stating that: PP has submitted the desired information vide letter dtd. 12.09.2019 received in SEIAA office on 12.09.2019 as per 374<sup>th</sup> SEAC meeting dated 25.05.2019. Hence it is decided to Relist the case and send the information to SEAC for appraisal along with technical file.

The EIA query presentation was made by the PP and their consultant in the 400<sup>th</sup> SEAC meeting dated 31/01/2019, wherein regarding revised working plan with its HFL and RL marked on lease boundary at least 60 meters to be left as no mining zone from HFL of the water body, committee recommends that PP should earmarked the HFL and RL demarcation from the authenticated agency.

During appraisal of the lease area through Google image it was observed that the mine lease is adjacent to the water body on east side and it appear that on the northern side water inundation is there and may occur during rainy season seen. Hence, considering sensitivity of the region after detailed discussion and deliberation, committee decided to carry out site visit for further consideration of the project.

### **Site Visit Report dated 23/11/2019**

### **BACKGROUND**

This is case of Limestone deposit. The proposed site is located at (Khasra no.46/1) at Village- Kosdana, Tehsil - Gandhewani, Dist. Dhar (MP) 7.50 ha.

The EIA query presentation was made by the PP and their consultant in 400 SEAC meeting dated 31/10/2019 wherein during appraisal of the lease area through Google image it was observed that the mine lease is adjacent to the water body on East side and it appears that on the northern side water inundation is there which may occur during rainy season. Hence, considering sensitivity of the region after detailed discussion and deliberation, committee decided to carry out site visit for further consideration of the project.

Dr. Akram Khan, Member SEAC and Dr. J. P. Shukla, Member SEAC visited the site on 23/11/2019. During inspection, Dr. Abhaya K. Saxena, Sr. Scientific Officer, M. P. Pollution Control Board, Bhopal and Shri Nilesh Upadhaya and EIA consultant Shri Amar Yadav were also present.

### **OBSERVATIONS**

The site is located at Khasra no.46/1 at Village- Kosdana, Tehsil - Gandhewani, Dist. Dhar for limestone mining

During inspection it was observed that the ML is almost flat having slight inclination towards north-east side and limestone is outcrop on most parts of the lease. The site is closely situated to a CC road and fenced by barbed wire fencing. Approximately 500 to 600 meters evacuation road will be required to approach CC road for mineral evacuation.

During inspection it was observed by the committee that a water body exists on the north-eastern side of the lease which receives water from the lease area and its adjoining areas through seasonal drains on the northern side of the lease. A seasonal water channel also exists on the northern part of the lease which drains the runoff of western side of the lease in the natural water body in existence on the north-eastern side of the lease. This water channel actually intersects the lease from the northern side and thus needs to be left undisturbed. During inspection PP submitted that due to existence of water body on the north-eastern side a setback of 50 meters is proposed to be left as non mining area.

After site visit, committee recommends that due to the existence of a seasonal water channel on the northern part of the lease which drains the runoff of western side of the lease in the natural water body needs to be protected so that natural drainage pattern of the surrounding area remains undisturbed and thus a setback of 50 meters shall be left as non mining area and mining shall be progressed from the southern side of the lease which will create a high wall of 50 meters thick between mining area and seasonal water channel. Committee also recommends that a setback of 50 meters shall also be left as non mining area on the north-eastern side of the lease to protect natural water body and areas which are in close proximity to the water body on the northern side, shall be declared as non mining area. After site visit, committee instructed PP and their consultant to submit revised surface map showing non mining areas as discussed above for further consideration of the case.

The site visit report was discussed in the meeting wherein Sub-committee briefed the details of site visit to the committee. It was further observed by the committee that PP vide letter dated 24/11/2019 has submitted the revised surface map showing non- mining area and revised CER details. Committee after deliberation found the reply submitted by PP satisfactory. The EIA/EMP and other submissions made by the PP earlier were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC for Limestone deposit in an area of 7.50 ha. (85,500 TPA) (Khasra no.46/1) at Village- Kosdana, Tehsil - Gandhewani, Dist. Dhar (MP) , subject to the following special conditions:



**(A) PRE-MINING PHASE**

1. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars.
2. Necessary consents for proposed activity shall be obtained from MPPCB and the air / water pollution control measures have to be installed as per the recommendation of MPPCB.
3. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
4. PP will also carry out fencing all around the lease area.
5. If any tree uprooting is proposed necessary permission from the competent authority should be obtained for the same.
6. For dust suppression, regular sprinkling of water should be undertaken.
7. Haul road and shall be compacted on regular interval and transport road will be made pucca (tar road) and shall be constructed prior to operation of mine.
8. PP will obtain other necessary clearances/NOC from respective authorities.

**(B) MINING OPERATIONAL PHASE**

9. No explosive will be stored at mine site.
10. Curtaining of site shall be done through thick plantation all around the boundaries of all part of lease. The proposed plantation scheme should be carried out along with the mining and PP would maintain the plants for five years including casualty replacement. Initially, dense plantation shall be developed along the site boundary (in three rows) to provide additional protection in one year only.
11. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2 meters height of species which are fast growing with thick canopy cover preferably of perennial green nature. As proposed in the landscape plan & EMP a minimum of 7500 nos. of trees will be planted within and outside the mine.
12. Transportation of material shall be done in covered vehicles.
13. Transportation of minerals shall not be carried out through forest area.
14. The OB as over burden shall be reutilized for backfilling. PP shall bound to compliance the final closure plan as approved by the IBM.
15. Garland drain and bund along with settling tank will be maintained in the boundary side and around dump to prevent siltation of low lying areas and in rush of water into the mine. The size of the drain will be 1235m X 2m X 1.5m. The settling tank will be two in numbers size as 10m x 02 m x 02 & 20m x 02 m x 02 m respectively .
16. No mine water shall be discharged outside of the lease and zero liquid discharge shall be maintained.

17. Transportation road shall be made pucca.
18. For dust suppression over head Sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
19. All garland drains shall be connected to settling tanks through settling pits and settled water shall be used for dust suppression, green belt development and beneficiation plant. Regular de-silting of drains and pits should be carried out.
20. The existing and proposed land use plan of the mine is as follows:

<b>Heads</b> (All area in hectare)	<b>Present</b>	<b>End of Period</b>	
		<b>Proposal</b>	<b>Conceptual</b>
All Area excavated (broken)	0.533	2.513	5.441
Area fully mined out (out of 1)	--	--	--
Area fully reclaimed (back filled) (out of 2)	--	--	--
Area rehabilitated out of 3 by afforestation, agri use, hutment	--	--	--
Area rehabilitated by water harvesting	--	--	--
Area Under Road (outside pit)	0.045	0.045	0.045
Area under Greenbelt (i.e. plantation on area other than dump and backfilled area)	--	0.832	1.857
Area under infrastructure	--	--	--
Area under Tailing dumps	--	0.157	0.157
Area under any other use (Proposed Non-Mining Zone)	0.00	1.025	---
Undisturbed area	6.922	2.928	---
<b>Total</b>	<b>7.50</b>	<b>7.50</b>	<b>7.50</b>

21. Appropriate and submitted activities shall be taken up for social up-liftment of the Region. Funds reserved towards the same shall be utilized through Gram Panchayat. Further any need base and appropriate activity may be taken up in coordination with local panchayat.
22. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
23. The commitments made in the public hearing are to be fulfilled by the PP.

24. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
25. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.
26. The solar power will be used at the mine office for illumination.

**(C) ENTIRE LIFE OF THE PROJECT**

27. The proposed EMP cost is Rs. 14.70 lakhs and Rs. 9.12 lakhs /year are proposed as capital and recurring expenses respectively.
28. Under CER activity, Rs. 2.0 lakhs/ year has proposed as recurring expenses respectively in different activities and should be implemented through respective committees.
29. The environment policy of the company should be framed as per MoEF&CC guidelines and same should be implemented through monitoring cell. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
30. A separate bank account should be maintained for all the expenses made in the EMP activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
31. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
32. PP will comply with all the commitments made vide letter dated 26.11.2019.
33. 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/ built-up area/ project area, addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.

**23. Case No. - 5885/2019 M/s MRA Global Pvt. Ltd, Shri Pradeep Kumar Dubey, HPA, House No. 57, Paradise City, Panna Road, Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Sand Mine in an area of 3.02 Ha. (59,623 cum per annum) (Khasra No. 459/2, 460/1/3/1, 460/1/5/5), Village- Kurminpurwa, Tehsil - Gaurihar, Dist. Chhatarpur (MP).**

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 459/2, 460/1/3/1, 460/1/5/5), Village-

Kurminpurwa, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 3.02 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office, Distt. Chhatarpur vide letter No. 6556 dated 31/12/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The case was presented by the PP and their consultant. The PP stated that this it is a Khodu-Bharu type sand mine and such sand deposits are accumulated in the field due to erosion and recurrence of flood in Ken River in the long course of time and this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open-cast semi mechanized. During presentation committee observed that in the Google image (Dec. 2017) a village road is 30 meters passing in the north – east direction of the lease and nearby village is 300 meters in the north.

After presentation the committee asked to submit following details:

- Revised Plantation Plan for 1460 saplings.
- Revised EMP and CSR as suggested by the committee.
- Plan for MSW disposal.

PP has submitted the response of above quarries same date vide letter dated 26.02.2019, which was placed before the committee and the same was found satisfactory. The EMP and other submissions made by the PP were also found to be satisfactory and acceptable, hence, committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'C':

- Production of Sand as per mine plan with quantity not exceeding 56,623 cum/year.
- Evacuation of sand should not be allowed through the roads passing through the villages and approach road from site to the main road will be maintained by the PP.
- 1460 trees shall be planted in the barrier zone, approach road and at nearby villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- The lease area should be clearly distinguished and earmarked at the site.

- A budgetary provision for Environmental Management Plan of Rs. 7.48 Lakh as capital and Rs. 8.28 lakh/year as recurring cost.
- In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
- Under CSR Rs. 2.0 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
- Being a Temporary Permit (TP) validity of EC should be only up to the validity of TP.
- It being a case of TP, PP has to ensure the execution of closure plan.

SEIAA vide letter no. 711 dated 21/05/2019 has forwarded a representation submitted by PP vide letter dated 30/4/19 to amend the following conditions of environmental clearance:

- a. Prior EC for sand mine (Opencase manual mining method) if area in title
- b. Heavy cackles (Hywa) should not be allowed on kachcha narrow roads.
- c. All the mining activities shall be carryout in accordance with the sustainable sand mining management guidelines, 2016 issued by the MoEF&CC
- d. Only deposited sand is to be removed and no maining/digging below the ground level is allowed.
- e. Heavy vehicles shall not be allowed for removal of sand
- f. The sand shall be transported by small trolleys up to the main transport vehicle.
- g. No mining shall be carried out during mansoon season.

The above representation was placed before the committee wherein committee after deliberation observed that the above conditions were stipulated considering “Sustainable Sand Mining Management Guidelines, 2016” issued by the MoEF&CC and observations made by the committee during presentation considering location of site and sensitivity. Committee after deliberations recommends not amending any conditions previously recommended by SEAC in the 346<sup>th</sup> meeting dated 26/02/2019.

**24. Case No. - 5895/2019 M/s MRA Global Pvt. Ltd, House No. 57, Paradise City, Panna Road, Dist. Chhatarpur, MP – 471001 Prior Environment Clearance for Sand Mine in an area of 2.226 Ha. (36,119 cum per annum) (Khasra No. 474/2/5/1, 474/3/2), Village- Singarpur, Tehsil - Gaurihar, Dist. Chhatarpur (MP).**

This is case of Sand Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 474/2/5/1, 474/3/2), Village- Singarpur, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.226 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office Distt. Chhatarpur vide letter No. 6553 dated: 31/12/18 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 4.226 ha including this mine.

The case was presented by the PP and their consultant. The PP stated that this is a Khodu-Bharu type sand mine and such sand deposits are accumulated in the field due to erosion and recurrence of flood in Ken River and Chhoti Kushiya Nadi in the long course of time. PP further stated that, this lease was obtained under temporary permit (TP) for two years period & the method of mining will be open cast semi mechanized. There After presentation the committee asked to submit following details:

- Revised CSR as suggested by the committee.
- Plan for MSW disposal.

PP has submitted the response of above quarries same date vide letter dated 26.02.2019, which was placed before the committee and the same found satisfactory. The EMP 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 'C':

- Production of Sand as per mine plan with quantity not exceeding 36,119 cum per annum cum/year.
- Evacuation of sand should not be allowed through the roads passing through the villages and approach road from site to the main road will be maintained by the PP.

- 1460 trees shall be planted in the barrier zone, approach road and at nearby villages.
- Heavy vehicles (Hywa) should not be allowed on Kachcha, narrow roads.
- The lease area should be clearly distinguished and earmarked at the site.
- A budgetary provision for Environmental Management Plan of Rs. 6.92 Lakh as capital and Rs. 8.26 lakh/year as recurring cost.
- In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
- Under CSR Rs. 2.0 Lakh/year is proposed for various activities. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement.
- All the mining activities shall be carryout in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
- Being a Temporary Permit (TP) validity of EC should be only up to the validity of TP.
- It being a case of TP, PP has to ensure the execution of closure plan.

SEIAA vide letter no. 713 dated 21/05/2019 has forwarded a representation submitted by PP vide letter dated 30/4/19 to amend the following conditions of environmental clearance:

- a. Prior EC for sand mine (Opencase manual mining method) if area in title
- b. Heavy vehicles (Hywa) should not be allowed on kachcha narrow roads.
- c. All the mining activities shall be carryout in accordance with the sustainable sand mining management guidelines, 2016 issued by the MoEF&CC
- d. Only deposited sand is to be removed and no maining/digging below the ground level is allowed.
- e. Heavy vehicles shall not be allowed for removal of sand
- f. The sand shall be transported by small trolleys up to the main transport vehicle.
- g. No mining shall be carried out during monsoon season.

The above representation was placed before the committee wherein committee after deliberation observed that the above conditions were stipulated considering “Sustainable Sand Mining Management Guidelines, 2016” issued by the MoEF&CC and observations made by the committee during presentation considering location of site and sensitivity.

Committee after deliberations recommends not amending any conditions previously recommended by SEAC in the 346<sup>th</sup> meeting dated 26/02/2019.

**25. Case No. – 6281/2019 Shri Yogendra Singh, Tikari Bujurg, Tehsil - Moudaha, Dist. Hamirpur, UP – 210501 Prior Environment Clearance for Stone Quarry in an area of 1.1170 ha. (30.000 cum per annum) (Khasra No. 2303), Village - Prakash Bhamohri, Tehsil - Gaurihar, Dist. Chhatarpur (MP).**

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 2303), Village - Prakash Bhamohri, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.1170 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office letter No. 208 dated: 24/04/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 2.223 ha., including this mine.

The case was presented by the PP and their consultant in the 380<sup>th</sup> SEAC meeting dated 05/07/2019, wherein during presentation it was recorded by the committee that some other mines are also in existence within 500 meters radius of this mine, one mine 6067/2019 of 4.00 ha, TOR has been issued to this mine by the SEAC in its 364<sup>th</sup> meeting dated 17/04/2019, and another mine is 5977 of 2.88 ha in which site visit is proposed but from the submitted M.O letter vide letter No. 208 dated: 24/04/19 that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 2.223 ha., including this mine.

Committee after detailed discussion decided that Since the Mining Officer in letter No. 208 dated: 24/04/19 has reported that there is 01 more mine operating or proposed within 500 meters around the said mine with total area of 2.223 ha., including this mine, PP should submit clarification of surrounding mines from the concerned Mining Officer for further consideration of this case based on above findings.



This case was discussed before committee as PP was informed to submit above information vide dated 30/07/2019 and reminder was also sent to the PP vide dated 25/10/2019. PP so far has not submitted the desired information thus committee after deliberations decided that the case is recommended for delisting in the light of MoEF&CC OM file No. J-11013-5-2009-IA-II (part) dated 30/10/2012.

**(Dr. Sonal Mehta)**  
**Member**

**(Dr. A.K. Sharma)**  
**Member**

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

**(Dr. Jai Prakash Shukla)**  
**Member**

**(Dr. Rubina Chaudary,)**  
**Member**

**(R.S.Kori)**  
**Secretary**

**(Mohd. Kasam Khan)**  
**Chairman**

**Following standard conditions shall be applicable for the mining projects of minor mineral in addition to the specific conditions and cases appraised for grant of TOR:**

**Annexure- 'A'**

**Standard conditions applicable to Stone/Murram and Soil quarries:**

1. Mining should be carried out as per the submitted land use plan and approved mine plan.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and fenced from all around the site. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
5. Mineral evacuation road shall be made pucca (WBM/black top) by PP.
6. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
7. Crusher with inbuilt APCD & water sprinkling system shall be installed minimum 100 meters away from the road and 500 meters away from the habitations only after the permissions of MP Pollution Control Board with atleast 03 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Thick plantation shall be carryout in the periphery/barrier zone of the lease, mineral evacuation road and common area in the village. Top soil shall be simultaneously used for the plantation within the lease area and no OB/dump shall be stacked outside the lease area. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
9. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
10. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
11. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
12. To avoid vibration, no overcharging shall be carried out during blasting and muffle blasting shall be adopted. Blasting shall be carried out through certified blaster only and no explosive will be stored at mine site without permission from the competent authority.
13. Mine water should not be discharged from the lease and be used for sprinkling & plantations. For surface runoff and storm water garland drains and settling tanks (SS pattern) of suitable sizes shall be provided.
14. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
15. 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.

16. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
17. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
18. The validity of the EC shall be as per the provisions of EIA Notification subject to the following: Expansion or modernization in the project, entailing capacity addition with change in process and or technology and any change in product - mix in proposed mining unit shall require a fresh Environment Clearance.
19. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.
20. All the mines where production is > 50,000 cum/year, PP shall develop its own website to display various mining related activities proposed in EMP & CER along with budgetary allocations. All the six monthly progress report shall also be uploads on this website along with MoEF&CC & SEIAA, MP with relevant photographs of various activities such as garland drains, settling tanks, plantation, water sprinkling arrangements, transportation & haul road etc. PP or Mine Manager shall be made responsible for its maintenance & regular updation.
21. All the soil queries, the maximum permitted depth shall not exceed 02 meters below general ground level & other provisions laid down in MoEF&CC OM No. L-11011/47/2011-IA.II(M) dated 24/06/2013.

**Annexure- 'B'**

**Standard conditions applicable for the Sand Mine Quarries\***

1. District Authority should annually record the deposition of sand in the lease area (at an interval of 100 meters for leases 10 ha or > 10.00 ha and at an interval of 50 meters for leases < 10 ha.) before monsoon & in the last week of September and maintain the records in RL (Reduce Level) Measurement Book. Accordingly authority shall allow lease holder to excavate only the replenished quantity of sand in the subsequent year.
2. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars. Necessary safety signage & caution boards shall be displayed at mine site.
3. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
4. The mining activity shall be done manually and as per the land use plan & approved mine plan submitted by PP.
5. No heavy vehicles shall be allowed to enter the river bed and the transportation of the sand from the excavation pits of the leased area to the loading point shall be through trolleys (tractor trolleys) and not by heavy vehicles. Only registered tractor trolleys which are having the necessary registration and permission for the aforesaid purpose under the Motor Vehicle Act and also insurance coverage for the same shall alone be used for said purpose.
6. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
7. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.

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. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC ensuring that the annual replenishment of sand in the mining lease area is sufficient to sustain the mining operations at levels prescribed in the mining plan.
12. 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.
13. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
14. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
15. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
16. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
17. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
18. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
19. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
20. 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.
21. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
22. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
23. 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.
24. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

**Annexure- 'C'**

**Standard conditions applicable for the Sand deposits on Agricultural Land/ Khodu Bharu Type Sand Mine Quarries\***

1. Mining should be done only to the extent of reclaiming the agricultural land.
2. Only deposited sand is to be removed and no mining/digging below the ground level is allowed.
3. The mining shall be carried out strictly as per the approved mining plan.
4. The lease boundary should be clearly demarcated at site with the given co-ordinates by pillars and necessary safety signage & caution boards shall be displayed at mine site.
5. Overhead sprinklers arrangements with solar pumps should be provided for dust suppression at the exit gate of the lease area and fixed types sprinklers on the evacuation road. PP should maintain a log book wherein daily details of water sprinkling and vehicle movement are recorded.
6. The mining activity shall be done as per approved mine plan and as per the land use plan submitted by PP.
7. Transportation of material shall only be done in covered & PUC certified vehicles with required moisture to avoid fugitive emissions. Transportation of minerals shall not be carried out through forest area without permissions from the competent authority.
8. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
9. 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.
10. No Mining shall be carried out during Monsoon season.
11. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 issued by the MoEF&CC.
12. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
13. Thick plantation shall be carryout on the banks of the river adjacent to the lease, mineral evacuation road and common area in the village. PP would maintain the plants for five years including casualty replacement. PP should also maintain a log book containing annual details of tree plantation and causality replacement and to take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
14. Appropriate activities shall be taken up for social up-liftment of the area. Funds reserved towards the same shall be utilized through Gram Panchayat/competent authority.
15. Six monthly occupational health surveys of workers shall be carryout and all the workers shall be provided with necessary PPE's. Mandatory facilities such as Rest Shelters, First Aid, Proper Fire Fighting Equipments and Toilets (separate for male & female) shall also be provided for all the mine workers and other staff. Mine's site office, rest shelters etc shall be illuminated and ventilated through solar lights.
16. A separate bank account should be maintained for all the expenses made in the EMP and CSR activities by PP for financial accountability and these details should be provided in Annual Environmental Statement. In case the allocated EMP budget for mitigative measures to control the pollution is not utilized fully, the reason of under utilization of budgetary provisions for EMP should be addressed in annual return.
17. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
18. 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.

19. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
20. The leases which are falling <250 meters of the forest area and PP has obtained approval for the Divisional Level Commissioner committee, all the conditions stipulated by Divisional Level Commissioner committee shall be fulfilled by the PP.
21. 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.
22. If it being a case of Temporary Permit (TP), the validity of EC should be only up to the validity of TP and PP has to ensure the execution of closure plan.

**Annexure- 'D'**

**General conditions applicable for the granting of TOR**

1. The date and duration of carrying out the baseline data collection and monitoring shall be informed to the concerned Regional Officer of the M.P Pollution Control Board.
2. During monitoring, photographs shall be taken as a proof of the activity with latitude & longitude, date, time & place and same shall be attached with the EIA report. A drone video showing various sensitivities of the lease and nearby area shall also be shown during EIA presentation.
3. An inventory of various features such as sensitive area, fragile areas, mining / industrial areas, habitation, water-bodies, major roads, etc. shall be prepared and furnished with EIA.
4. An inventory of flora & fauna based on actual ground survey shall be presented.
5. Risk factors with their management plan should be discussed in the EIA report.
6. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
7. The EIA document shall be printed on both sides, as far as possible.
8. All documents should be properly indexed, page numbered.
9. Period/date of data collection should be clearly indicated.
10. The letter /application for EC should quote the SEIAA case No./year and also attach a copy of the letter prescribing the TOR.
11. The copy of the letter received from the SEAC prescribing TOR for the project should be attached as an annexure to the final EIA/EMP report.
12. The final EIA/EMP report submitted to the SEIAA must incorporate all issues mentioned in TOR and that raised in Public Hearing with the generic structure as detailed out in the EIA report.
13. Grant of TOR does not mean grant of EC.
14. The status of accreditation of the EIA consultant with NABET/QCI shall be specifically mentioned. The consultant shall certify that his accreditation is for the sector for which this EIA is prepared. If consultant has engaged other laboratory for carrying out the task of monitoring and analysis of pollutants, a representative from laboratory shall also be present to answer the site specific queries.
15. On the front page of EIA/EMP reports, the name of the consultant/consultancy firm along with their complete details including their accreditation, if any shall be indicated. The consultant while submitting the EIA/EMP report shall give an undertaking to the effect that the prescribed TORs (TOR proposed by the

- project proponent and additional TOR given by the MOEF & CC) have been complied with and the data submitted is factually correct.
16. While submitting the EIA/EMP reports, the name of the experts associated with involved in the preparation of these reports and the laboratories through which the samples have been got analyzed should be stated in the report. It shall be indicated whether these laboratories are approved under the Environment (Protection) Act, 1986 and also have NABL accreditation.
  17. All the necessary NOC's duly verified by the competent authority should be annexed.
  18. PP has to submit the copy of earlier Consent condition /EC compliance report, whatever applicable along with EIA report.
  19. The EIA report should clearly mention activity wise EMP and CSR cost details and should depict clear breakup of the capital and recurring costs along with the timeline for incurring the capital cost. The basis of allocation of EMP and CSR cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the monitoring agencies.
  20. A time bound action plan should be provided in the EIA report for fulfillment of the EMP commitments mentioned in the EIA report.
  21. The name and number of posts to be engaged by the PP for implementation and monitoring of environmental parameters should be specified in the EIA report.
  22. EIA report should be strictly as per the TOR, comply with the generic structure as detailed out in the EIA notification, 2006, baseline data is accurate and concerns raised during the public hearing are adequately addressed.
  23. The EIA report should be prepared by the accredited consultant having no conflict of interest with any committee processing the case.
  24. Public Hearing has to be carried out as per the provisions of the EIA Notification, 2006. The issues raised in public hearing shall be properly addressed in the EMP and suitable budgetary allocations shall be made in the EMP and CER based on their nature.
  25. Actual measurement of top soil shall be carried out in the lease area at minimum 05 locations and additionally N, P, K and Heavy Metals shall be analyzed in all soil samples.

**FOR PROJECTS LOCATED IN SCHEDULED (V) TRIBAL AREA , following should be studied and discussed in EIA Report before Public Hearing as per the instruction of SEIAA vide letter No. 1241 dated 30/07/2018.**

26. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
27. Detailed analysis of availability and quality of the drinking water resources available in the block.
28. A study by CPCB of the methodology of disposal of industrial waste from the existing industries in the block, whether it is being done in a manner that mitigate all health and environmental risks.
29. The consent of Gram Sabha of the villages in the area where project is proposed shall be obtain.