

The 420th meeting of the State Expert Appraisal Committee (SEAC) was held on 27th January, 2020 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. R. Maheshwari, Member.
5. 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. 6153/2019 Shri Ramnaresh Singh Parmar, S/o Shri Munna Singh Parmar, Panchawati Colony, AB Road, Bhahorapur, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 3.40 ha. (2,00,000 cum per annum) (Khasra No. 8, 9), Village - Lakhanpura, Tehsil - Gwalior, Dist. Gwalior (MP).EIA Consultant: Green Circle Inc. Vadodara.**

This is case of Stone Quarry and application is for expansion. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 8, 9), Village - Lakhanpura, Tehsil - Gwalior, Dist. Gwalior (MP) 3.40 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. QL 111 dated: 09/04/19 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 19.13 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 368th SEAC meeting dated 02/05/2019 where ToR was recommended.

PP has submitted the EIA report vide letter dated 13/01/2020 which was forwarded through SEIAA vide letter no. 4011 dated 16/01/2020.

The PP and their consultant presented the EIA wherein PP stated that this is a case of an expansion of production capacity from 75,000 m³ /year to Max 2,00,000 m³ / year .

Previously EC was obtained in the year 2015 for a maximum production of 75,000 m³/year and their EC compliance report, certified by MoEF&CC has been submitted. The stone production proposed to be increased to be maximum of 2,00,000 cubic meter /year. Blasting operation will be carried by registered blaster. The estimated life of the mine is approx. 3 years. PP further stated that single row blasting will be done using Nitrate mixture of class II, detonators and detonating fuse with a quantity depending on the area to be developed, no Ground water table intersection is proposed. Committee asked PP to submit proposal for additional 700 plants as compensatory plantation because since mine's inception no significant plantation is being done within and in the surrounding area of the lease. After presentation the PP was asked to submit following information for further consideration of the project.

1. Protection plan as temple is in close vicinity of the lease area on the western side.
2. Year-wise production details since the year 2012 as per standard TOR as it's a case of expansion.
3. Volume of Silt, which will be left out after dewatering in the mine pit and silt management plan.
4. Revised plantation schemes of 700 (compensatory plants) + 3600 = 4300 plans as suggested by the committee.
5. Commitment of PP that water available in nearby pond shall be used for mining purpose only after the approval of competent authority.
6. Commitment that no crusher will be installed within the lease.
7. Input data for modeling.
8. Drainage plan for mine water.
9. Commitment for displaying the Environmental policy at mine site.
10. Revised evacuation plan considering minimum 15cum load to reduce number of trips/day.
11. Soil sampling shall be added in the proposed environmental monitoring schedule with suitable budget.
12. Commitment for sowing prosopis seeds on excavated garland drains soil for its better stability.
13. Commitment of PP for carrying health checkup of all the mine workers at regular interval.
14. Proposed evacuation route shall be marked on Google map.
15. Details of all the mines in cluster shall be provided in EIA report as PP has given details of only operating mines.
16. Details of existing plantation (if any) shall be provided.

17. Commitment that bench configuration shall be maintained as per the approved mine plan.
18. Revised EMP proposal with addition to proposal for re-grassing the mining area at closure time, on the OB dumps, on the soil of garland drain and on the back filled area (If any) and revised maintenance cost, plantation numbers etc.
19. Revised CER with addition to proposal for development of charnoi land designated in the village with appropriate budget for growth of fodder, Water recharging structures, Lab development etc.
20. Details of expenses incurred during current period on EMP & CER/CSR.

PP vide their letter dated 27.01.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. 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 Environment Clearance for expansion in Stone Quarry in an area of 3.40 ha. (2,00,000 cum per annum) (Khasra No. 8, 9), Village - Lakhanpura, Tehsil - Gwalior, Dist. Gwalior (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.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. 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.
20. 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 700 (compensatory plants) + 3600 = 4300 trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. 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 1.5 m Wide & 1 m Deep & 970 m Long.
25. The settling tank will be three in number of size of 4 m wide, 20m long & 2.5 m deep = 200 cum each.
26. 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.
27. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
28. The existing and proposed land use plan of the mine is as follows:

Particulars	Present Area in (ha)	After First 5 Year Area (ha)	At The End Of Mine Life
Pits	1.890	2.4720	--
Dump	0.000	0.1000	0.0000

Plantation (within barrier zone)	0.000	0.8244	0.8244
Office & rest shelter	0.000	0.0036	0.0000
Water body	0.000	0.0000	2.5720
Unused	1.510	0.0000	0.0036
TOTAL	3.400	3.4000	3.4000

29. 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.
30. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
31. The commitments made in the public hearing are to be fulfilled by the PP.
32. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
33. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

34. In the proposed EMP, capital cost is Rs. 16.96 Lakh is proposed and Rs. 07.73 Lakh /year as recurring expenses.
35. Apart from EMP a separate budget of Rs. 0.10 Lakh as capita and @0.02 as recurring cost has proposed for re-grassing the mining area at the mine closure in the light of recent H'ble Supreme Court order.
36. Under CSR activity, Rs. 4.0 Lakh /year has proposed for different activities and should be implemented through respective committees.
37. 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.
38. 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.
39. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
40. PP will comply with all the commitments made vide letter dated 27.01.2020
41. 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.

2. Case No. - 6321/2019 Smt. Manjula Jain W/o Shri Sanjay Jain, 168, Main Post Office Near Kila Road, Dist. Bhind, MP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (85,035 cum per annum) (Khasra No. 3619/3), Village - Bilaua, Tehsil - Dabra, Dist. Gwalior (MP). EIA Consultant: Green Circle INC, Vadodara.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3619/3), Village - Bilaua, Tehsil - Dabra, Dist. Gwalior (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. QL-58 dated: 29/12/14 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 11.625 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 378th SEAC meeting dated 03/07/2019 where ToR was recommended.

PP has submitted the EIA report vide letter dated 13/01/2020 which was forwarded through SEIAA vide letter no. 4007 dated 16/01/2020

The PP and their consultant presented the EIA wherein PP stated that this is a case of an expansion of production capacity from 15,894 m³ /year to 85,035 m³ /year. Previously for this mine the EC was granted by DEIAA in the year 2017, and their EC compliance report, certified by MoEF&CC has been submitted by PP. PP said that blasting operation will be carried by registered blaster. The estimated life of the mine is approx. 09 years. PP further stated that single row blasting will be done using Nitrate mixture of class II, detonators and detonating fuse with a quantity depending on the area to be developed, no Ground water table intersection is proposed. After presentation the PP was asked to submit following information for further consideration of the project.

1. Protection plan w.r.t. a canal and a steel plant existing in the close vicinity of the lease.

2. Year-wise production details since the year 2012 as per standard TOR as it's a case of expansion.
3. Revised plantation schemes of 100 (compensatory plants) + 2000 = 2100 plans as suggested by the committee.
4. Volume of Silt, which will be left out after dewatering in the mine pit and silt management plan.
5. Commitment of PP that water available in nearby pond shall be used for mining purpose only after the approval of competent authority.
6. Commitment that no crusher will be installed within the lease.
7. Input data for modeling.
8. Drainage plan for mine water.
9. Commitment for displaying the Environmental policy at mine site.
10. Revised evacuation plan considering minimum 15cum load to reduce number of trips/day.
11. Soil sampling shall be added in the proposed environmental monitoring schedule with suitable budget.
12. Commitment for sowing prosopis seeds on excavated garland drains soil for its better stability.
13. Commitment of PP for carrying health checkup of all the mine workers at regular interval.
14. Proposed evacuation route shall be marked on Google map.
15. Details of all the mines in cluster shall be provided in EIA report as PP has given details of only operating mines.
16. Details of existing plantation (if any) shall be provided.
17. Commitment that bench configuration shall be maintained as per the approved mine plan.
18. Revised EMP proposal with addition to proposal for re-grassing the mining area at closure time, on the OB dumps, on the soil of garland drain and on the back filled area (If any) and revised maintenance cost, plantation numbers etc.
19. Revised CER with addition to proposal for development of charnoi land designated in the village with appropriate budget for growth of fodder, Water recharging structures, Lab development etc.
20. Details of expenses incurred during current period on EMP & CER/CSR.

PP vide their letter dated 27.01.2020 submitted query reply which was placed before the committee which was found satisfactory and acceptable to the committee. 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 Environment Clearance for expansion Stone Quarry in an area of 2.00 ha. (85,035 cum per annum) (Khasra No. 3619/3),

Village - Bilaua, Tehsil - Dabra, Dist. Gwalior (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.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. 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.

20. 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 2100 (area 0.4091ha.) trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. 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 1.5 m Wide & 1 m Deep & 550 m Long.
25. The settling tank will be 02 in number of size of 4 m wide, 20m long & 2.5 m deep = 200 cum each.
26. 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.
27. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
28. The existing and proposed land use plan of the mine is as follows:

Particulars	Present Area in (ha)	After First 5 Year Area (ha)	At The End of Mine Life
PITS	0.560	1.5873	-----
PLANTATION (within Barrier Zone)	0.090	0.4091	0.4091
OFFICE & REST SHELTER	0.000	0.0036	0.0000
WATER BODY	0.000	0.0000	1.5873
UNUSED	1.350	0.0000	0.0036
TOTAL	2.000	2.0000	2.0000

29. 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.
30. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
31. The commitments made in the public hearing are to be fulfilled by the PP.
32. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.

33. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

34. In the proposed EMP, capital cost is Rs. 11.62 Lakh is proposed and Rs.04.32 Lakh /year as recurring expenses.
35. Apart from EMP a separate budget of Rs. 0.10 Lakh as capita and @0.02 as recurring cost has proposed for re-grassing the mining area at the mine closure in the light of recent H'ble Supreme Court order.
36. Under CSR activity, Rs. 1.90 Lakh /year has proposed for different activities and should be implemented through respective committees.
37. 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.
38. 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.
39. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
40. PP will comply with all the commitments made vide letter dated 27.01.2020
41. 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.
- 3. Case No. - 5822/2019 Shri Rahul Singh S/o Shri Rajendra Kumar Singh, Kaloo Kua, Dist. Banda, UP – 210001. Prior Environment Clearance for Stone Mine Quarry in an area of 13.00 Ha. (3,28,967 cum per annum) (Khasra No. 350/1 (Part)) at Village-Bedar, Tehsil - Maharajpur, Dist. Chhatarpur (MP).**

This is case of Stone Mine Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site 13.00 Ha. (3,28,967 cum per annum) (Khasra No. 350/1 (Part)) at Village- Bedar, Tehsil - Maharajpur, Dist. Chhatarpur (MP).The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, District Survey Report, information of the leases within 500 meters radius around the site and other requisite information in the

prescribed format duly verified in the Collector's office (Ekal Praman-patr) vide letter no. 1542 dated: 05/12/2015 has reported that there is no more mine operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 339th SEAC meeting dated 29/01/2019 where ToR was recommended.

PP has submitted the EIA report vide letter dated 10/01/2020 which was forwarded through SEIAA vide letter no. 4025 dated 16/01/2020.

The PP and their consultant presented the EIA wherein regarding protection plan of the pond which is in existence on the eastern side of the lease PP stated that rainwater accumulated in the mine pit will be collected in the quarry sump/settling tanks and shall be used for dust suppression and plantation. Garland drain will be constructed along the pit boundary to catch rainwater from the surroundings run off. Moreover, adequate control measures will be taken to check discharge water from mine the excavated pit and also control soil erosion and surface run- off in the monsoon season. The exploitation of hard rock needs drilling and blasting to generate ROM. The drilling and blasting shall be conducted through the registered blasters.

After presentation the PP was asked to submit following information for further consideration of the project.

1. Protection plan for nearby village at about 160 meters in the NE side of the lease.
2. Commitment of PP to carryout transportation through 40 MT truck load capacity to minimize the number of trips.
3. Commitment that mining operation shall be done from south to north direction.
4. Show the location and dimension of settling tanks and garland drain on surface Map.
5. Protection plan of nearby water body.
6. Project cost shall be submitted adding the cost of crusher.
7. Details of Bench configuration.
8. Level of mechanization should be discussed.
9. Stage wise Land use details.
10. Details of Evacuation route on Google map.
11. Details note on modeling carried out.
12. Revised EMP proposal with addition to proposal for re-grassing the mining area at closure time, on the OB dumps, on the soil of garland drain and on the back filled area

(if any) and revised maintenance cost, plantation numbers, budget for evacuation route etc.

13. Revised CER with addition to proposal for development of charnoi land designated in the village with appropriate budget for growth of fodder, Water recharging structures, traffic awareness camp etc.

PP vide their letter dated 27.01.2020 submitted query reply which was placed before the committee wherein PP submitted that mining operation will not be done from North direction to East-South- East side of the lease and now, mining operation will be carried out from South to North direction. The other all queries submitted by PP which was found satisfactory and acceptable to the committee. 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 Environment Clearance for Stone Mine Quarry in an area of 13.00 Ha. (3,28,967 cum per annum) (Khasra No. 350/1 (Part)) at Village- Bedar, Tehsil - Maharajpur, Dist. Chhatarpur (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.
9. Slope stability study shall be carried out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.

12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. 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.
20. 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 2166 per year (area 0.7505 ha.) trees shall be planted on barrier zone, backfilled area and along the transportation route.
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. 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 1.5 m Wide & 1.5 m Deep & 1650 m Long.
25. The settling tank will be 04 in number of size of 3 m wide, 10 m long & 3.0 m deep = 90 cum each.
26. 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.
27. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
28. The existing and proposed land use plan of the mine is as follows:

S.No.	Particulars	Existing	At the end of plan period (Ha) 5 years	At the end of conceptual period of mine (Ha)
1.	Total area excavated	13.00 Ha	11.5427 Ha	11.5427 Ha
2	Area fully mined out	Nil	11.5427 Ha	11.5427 Ha

2.	Land area covered under 7.5m statutory boundary	Nil	1.2509 Ha	1.2509 Ha
3	Land area under Crusher, Storage, Office and Hutments	Nil	0.338 Ha	Nil
4.	Land area under plantation on 4.5 m boundary	Nil	0.7505 Ha	0.7505 Ha

29. 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.
30. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
31. The commitments made in the public hearing are to be fulfilled by the PP.
32. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
33. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

34. In the proposed EMP, capital cost is Rs. 41.65 Lakh is proposed and Rs.5.35 Lakh /year as recurring expenses for different activities. In the EMP a separate budget of Rs. 0.50 Lakh is proposed for grazing land development in the mining area at the mine closure in the light of recent H'ble Supreme Court order.
35. Under CSR activity, Rs. 22.30 Lakh has proposed, out of which Rs. 5.55 Lakh has proposed for grazing land development in the five villages for different activities and these should be implemented through respective committees.
36. 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.

37. 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.
 38. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
 39. PP will comply with all the commitments made vide letter dated 27.01.2020
 40. 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.
4. **Case No. – 5684/2018 Shri Harish Khandelwal, S/o Shri Ranchordas Khandelwal, 138/G, Vallabh Bhai Patel Marg, Main Dhar Road, Ward No. 3, Manawar, Tehsil - Manawar, Dist. Dhar, MP – 454446 Prior Environment Clearance for Limestone Mining Project in an area of 4.502 Ha. (8000 cum per annum) (Khasra no. 1/1/3, 5/1/1/1/1/6, 5/1/1/1/1/1/2 k, 5/1/1/1/1/1/2 kha) at Village- Sitapur, Tehsil - Manawar, Dist. Dhar (MP).**

This is case of Limestone Mining Project. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at (Khasra no. 1/1/3, 5/1/1/1/1/1/6, 5/1/1/1/1/1/1/2 k, 5/1/1/1/1/1/1/2 kha) at Village- Sitapur, Tehsil - Manawar, Dist. Dhar (MP) 4.502 Ha. The project requires prior EC before commencement of any activity at site. PP has submitted ToR application forwarded by the SEIAA vide letter no. 740 dated 22/5/2018.

Earlier this case was scheduled for presentation and discussion in 315th SEAC meeting dated 18/06/2018 where ToR was recommended.

PP has submitted the EIA report vide letter dated 09/01/2020 which was forwarded through SEIAA vide letter no. 4023 dated 16/01/2020.

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.

5. Case No 6736/2020 M/s. Triveni Marble, Gurunanak Ward, Barhi Road, Dist Katni, MP Prior Environment Clearance for Marble Mine in an area of 1.85 ha. (1,848 cum per annum) (Khasra No. 500 Part), Village - Kachhargon, Tehsil - Bahoriband, Dist. Katni (MP).

This is case of Marble Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 500 Part), Village - Kachhargon, Tehsil - Bahoriband, Dist. Katni (MP) 1.85 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 3975 dated 24/10/19 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 44.32 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, committee observed that proposed mine is sharing the boundary of the case no. 6758 and a pit can be seen within the lease in the middle of both the lease on the northern side. From the image it appears that PP has disturbed the barrier zone. PP stated that this mine was in production since 2009 to 2013 and they have not disturbed the barrier zone. Since the image is of rainy season and there is slope towards this side water is filled in the area and thus the barrier zone is not visible. PP further submitted that when the rainy water is evaporates; the barrier zone can be seen. Being it's a case being it's a case Marble query with total area of 44.32 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. In EIA, PP shall discuss proof that the barrier zone between both the mines is maintained.
2. Trees within the lease area for which PP shall submit inventory with their respective girth.
3. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.

6. Case No 6758/2020 M/s. Triveni Marble, Gurunanak Ward, Barhi Road, Dist. Katni, MP Prior Environment Clearance for Marble Mine in an area of 6.60 ha. (1,848 cum per annum) (Khasra No. 498, 515), Village - Kachhargon, Tehsil - Bahoriband, Dist. Katni (MP).

This is case of Marble Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 498, 515), Village - Kachhargon, Tehsil - Bahoriband, Dist. Katni (MP) 6.60 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 3976 dated 24/10/19 has reported that there are 07 more mines operating or proposed within 500 meters around the said mine with total area of 49.27 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, committee observed that proposed mine is sharing the boundary of the case no. 6736 and a pit can be seen within the lease in the middle of both the lease on the northern side. From the image it appears that PP has disturbed the barrier zone. PP stated that this mine was in production since 2009 to 2013 and they have not disturbed the barrier zone. Since the image is of rainy season and there is slope towards this side water is filled in the area and thus the barrier zone is not visible. PP further submitted that when the rainy water is evaporates; the barrier zone can be seen. Being it's a case being it's a case Marble query with total area of 44.32 ha., including this mine and according to the latest O.M F.No. L-11011/175/2018/-IA-II (M) dated 12/12/2018 if a cluster or an individual lease exceeds 5 ha the EIA/EMP be made applicable in the process of grant of prior environmental clearance and thus committee decided to issue standard TOR prescribed by the MoEF&CC may be issued for conducting the EIA with following additional TORs and as per conditions mentioned in Annexure-D:-

1. In EIA, PP shall discuss proof that the barrier zone between both the mines is maintained.
2. Trees within the lease area for which PP shall submit inventory with their respective girth.
3. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.

7. Case No 6750/2020 M/s. Harshwardhan Industries Pvt. Ltd, B-64, Shaligram Tower, Near Sharon Park, Satellite Road, Dist. Ahmedabad, Gujarat. Prior Environment Clearance for Laterite Deposit in an area of 20.740 ha. (56,700 cum per annum) (Khasra No. 525, 642, 643), Village - Ajaypur, Tehsil - Suwasara, Dist. Mandsaur (MP).

This is case of Laterite Deposit. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 525, 642, 643), Village - Ajaypur, Tehsil - Suwasara, Dist. Mandsaur (MP) 20.740 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 3145 dated 28/12/19 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, Committee observed that mine site is very close proximity to the dam (approx 100 meters) in the north side of the lease, moreover a wind mill is also just 110 meters in the south –south- east side. PP submitted that they have obtained NOC from both the structures from the competent authority. After presentation committee recommended issuing standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's and general conditions as per Annex. D:-

1. Since the site in close proximity with the dam and wind mills thus their structure stability shall be maintained and measures proposed for their structure stability shall be discussed in the EIA report.
2. The height of dam from plinth shall be provided in the EIA report.
3. All maps shall be prepared considering HFL of the dam.
4. Copy of NOC obtained from concerned authorities of Dam and wind mills shall be submitted with EIA report.
5. Trees within the lease area for which PP shall submit inventory with their respective girth.
6. Proposal for grazing land in EMP & CER shall be discussed as per latest O.M dated 16/01/2020.

8. Case No 6735/2020 Shri Manoj Kumar Singh, R/o 8B/K.K. 25 Krishna Puram, Devnagar, Dist. Agra, UP Prior Environment Clearance for Stone Quarry in an area of 2.00 ha. (1,10,000 cum per annum) (Khasra No. 523), Village - Bilharikalan, Tehsil - Datia, Dist. Datia (MP)

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 523), Village - Bilharikalan, Tehsil - Datia, Dist. Datia (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 735 dated 15/10/15 has reported that there are 03 more mines operating or proposed within 500 meters around the said mine with total area of 11.80 ha including this 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.

9. Case No 6742/2020 Shri Kapoor Singh Gurjar, R/o Nainagarh Road, Back Hostel, Siddh Nagar, Dist. Morena, MP. Prior Environment Clearance for Stone Quarry in an area of 3.25 ha. (90,000 cum per annum) (Khasra No. 3000, 3001, 3002, 3190), Village - Dhanela, Tehsil - Morena, Dist. Morena (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 3000, 3001, 3002, 3190), Village - Dhanela, Tehsil - Morena, Dist. Morena (MP) 3.25 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 Tehsildar Office letter no 258 dated 14/11/19 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.

10. Case No 6737/2020 Smt. Pramila Devi Garg, Village - Majhgawan, Tehsil - Majhgawan, Dist. Satna, MP – 485331 Prior Environment Clearance for Murrum Mine in an area of 1.150 ha. (3,909 cum per annum) (Khasra No. 44 Part), Village - Kathota, Tehsil - Majhgawan, Dist. Satna (MP).

This is case of Murrum Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 44 Part), Village - Kathota, Tehsil - Majhgawan, Dist. Satna (MP) 1.150 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 Officer letter no 1367 dated 14/12/18 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

During presentation it was observed that as per DFO letter no 512 dated 11/1/19, forest area is at a distance of approx. 70 meters from the Query lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 03.10.2018. As per Google image based on coordinates provided by PP within 500 meters following sensitive other sensitive features:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Habitation	333	SW	Three row plantation will be proposed
Forest (P-865)	90	North direction	PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 03.10.2018.
State Highway	>400	West	Three row plantations shall be taken up.

PP further stated that, no blasting and drilling is proposed. After presentation the committee asked PP to submit following details:

- Commitment for three row plantation towards habitation and State Highway shall be submitted.

PP has submitted the response of above quarries same date vide letter dated 27.01.2020, 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 3,909 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.29 Lakh as capital and Rs. 3.26 Lakh/year and under CER Rs. 02.00 Lakh has proposed.
3. All the conditions stipulated by Divisional Commissioner Level Forest Committee vide meeting dated 03.10.2018 shall be complied by PP.

11. Case No 6738/2020 Shri Sachin Singh S/op Rajendra Singh, Village - Chhinda, Tehsil - Nagod, Dist. Satna, MP – 485446 Prior Environment Clearance for Stone Mine in an area of 2.00 ha. (15,000 cum per annum) (Khasra No. 715/1/ka Part), Village - Chhinda, Tehsil - Nagod, Dist. Satna (MP)

This is case of Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 715/1/ka Part), Village - Chhinda, Tehsil -Nagod, Dist. Satna (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 2476 dated 25/09/19 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 other sensitive features:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Habitation	>130 & 300	North & West	Three row plantation will be proposed
Kachcha Road	>130	North - West	

After presentation the committee asked PP to submit following details:

- Undertaking from PP that control blasting shall be adopted.
- Year-wise top soil management plan.
- Revised EMP proposal with addition to proposal for re-grassing the mining area at closure time, on the OB dumps, on the soil of garland drain and on the back filled area (if any) and revised maintenance cost, plantation numbers etc.
- Revised CER with addition to proposal for development of charnoi land designated in the village with appropriate budget for growth of fodder.

PP has submitted the response of above quarries same date vide letter dated 27.01.2020, 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. 6.13 Lakh as capital and Rs. 3.55 Lakh/year and under CER Rs. 00.60 Lakh has proposed.

12. Case No 6740/2020 Shri Rohit Tiwari S/o Shri Mahesh Tiwari, Village - Khiruhi, Dist. Mahoba, UP – 210504 Prior Environment Clearance for Stone Mine in an area of 0.356 ha. (24,000 cum per annum) (Khasra No. 881), Village - Ghatahari, Tehsil - Gaurihar, Dist. Chhatarpur (MP).

This is case of Stone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 881), Village - Ghatahari, Tehsil - Gaurihar, Dist.

Chhatarpur (MP) 0.356 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. 206 dated 18/09/2019 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 other sensitive features:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Pakki road	>100	South	Three row plantation will be proposed
Kachcha Road	>70	North - West	

PP stated that, this mine was allotted in the year 2010 and was transferred to him in the year 2018. PP further submitted that since the lease was granted in 2010 the size of the lease is < 1.00 ha and now only 10 months are left for expiry of their mine lease. After presentation the committee asked PP to submit following details:

- Justify how PP will be mined out the proposed production of 24,000 cum per annum from only 0.356 ha., with bench configuration details.
- Revised year wise plantation scheme.
- Revised CER proposal with addition to proposal for re-grassing the mining area at closure time, on the OB dumps, on the soil of garland drain and on the back filled area (if any).

PP has submitted the response of above quarries same date vide letter dated 27.01.2020, 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 24,000 cum per annum only till validity of lease.

2. A budgetary provision for Environmental management Plan of Rs. 20.0 Lakh as capital and Rs. 5.87 Lakh/year and under CER Rs. 1.90 Lakh has proposed.

13. Case No 6741/2020 Shri Lakhan Singh Yadav, Village - Laxmanpura, Tehsil - Seondha, Dist. Datia. Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (60,000 cum per annum) (Khasra No. 434/1), Village - Richhara, Tehsil - Datia, Dist. Datia (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 434/1), Village - Richhara, Tehsil - Datia, Dist. Datia (MP) 4.00 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, 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 989 dated 22/06/19 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.

14. Case No 6751/2020 Shri Gajendra Singh Yadav S/o Shri Hargovind Yadav, R/o Kodra Bijori, P 33 PAC, Tahgarh Bijoli, Tehsil & Dist. Jhansi, UP – 472246 Prior Environment Clearance for Stone Quarry in an area of 4.00 ha. (1,08,909 cum per annum) (Khasra No. 315/8), Village - Pathari, Tehsil - Orcha, Dist. Niwari (MP).

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 315/8), Village - Pathari, Tehsil - Orcha, Dist. Niwari (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 573 dated 10/12/19 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, the PP stated that the lease area is 04.0 KM away from the Orchha Wildlife Sanctuary (ESZ) as per DFO letter vide no. 2169 dated 22.05.2018. In this context notification of Orchha Wildlife Sanctuary, Tikamgarh notified vide no. S.O.35 (E) 03.01.2018 also confirmed extent of the ESZ that are varying from 02 KM periphery of Orchha Wildlife Sanctuary, except at residential area of Orchha town (100 meters periphery).

During presentation as per Google image based on coordinates provided by PP within 500 meters following sensitive other sensitive features:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachcha Road	within the lease	-	PP said that this kachha road is ending in their lease and no further is progressing outside the lease.
Settlement	>110	North-West	Protection plan controlled blasting with arrangements of sand bags and three rows of plantation in this side.

After presentation the committee asked PP to submit following details:

1. Commitment of PP to carryout transportation through 40 MT truck load capacity to minimize the number of trips.
2. Re-assess the number of trips/day with 40 MT loading capacity.
3. 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.
4. Commensurate budget for evacuation route shall be provided in the EMP.
5. Commitment of PP that no evacuation shall be carried out from the village side.
6. If crusher is proposed on site, same shall be of latest technology such as cone type, equipped with air pollution control devises, water sprinkling arrangements, wind breaking wall etc and the complete details shall be provided with Commensurate budget in EMP.

7. Revised EMP proposal with addition to proposal for re-grassing the mining area at closure time, on the OB dumps, on the soil of garland drain and on the back filled area (if any) and revised maintenance cost, plantation numbers etc.
8. Revised CER with addition to proposal for development of charnoi land designated in the village with appropriate budget for growth of fodder.

15. Case No 6756/2020 Shri Dharmendra Singh Tomer S/o Shri Betal Singh, C-99, Govindpuri, Thatipur, Dist. Gwalior, MP Prior Environment Clearance for Stone Quarry in an area of 1.50 ha. (42,208 cum per annum) (Khasra No. 249), Village - Churiyari, 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. 249), Village - Churiyari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 1.50 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 Assistant Mining Officer (Collector Office Chhatarpur) letter no 2310 dated 14/05/19 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 as per Google image based on coordinates provided by PP committee observed that some part of the QL area is mined out as a pit can be seen. PP submitted that this mining was done under Pradhan Mantri Gramin Sadak Yojna for road construction and this work was done in the year 2016-17. Committee after deliberation decided that site visit may be carried out to ascertain any violation has done than after this case may be appraised.

16. Case No 6760/2020 Smt. Rashmi Garg W/o Shri Avad Naresh Garg, Village - Majhgawan, Tehsil - Majhgawan, Dist. Satna, MP Prior Environment Clearance for Murrum Quarry in an area of 1.365 ha. (5,438 cum per annum) (Khasra No. 51P), Village - Kathota, Tehsil - Majhgawan, Dist. Satna (MP).

This is case of Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 51P), Village - Kathota, Tehsil - Majhgawan, Dist. Satna (MP) 1.365 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 2725 dated 02/11/19 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 2.515 ha including this mine.

During presentation it was observed that as per DFO letter no 514 dated 11/1/2019 forest area (P-865) is at a distance of approx. 144.4 meters from the Query lease boundary, for which PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 03.10.2018. As per Google image based on coordinates provided by PP within 500 meters following sensitive other sensitive features:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Habitation	298	SW	Three row plantations will be proposed.
02 trees	Within lease	-	No tree failing is proposed.
Forest (P-865)	144.4	North direction	PP has obtained approval from Divisional Commissioner Level Forest Committee, meeting held on 03.10.2018.
Pakki Road	>150	South	Three row plantations will be proposed.

PP further stated that, no blasting and drilling is proposed. After presentation the committee asked PP to submit following details:

- Commitment that no tree failing is proposed.
- Three row plantations will be done towards habitation side.

PP has submitted the response of above quarries same date vide letter dated 27.01.2020, 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 5,438 cum per annum.
2. A budgetary provision for Environmental management Plan of Rs. 6.11 Lakh as capital and Rs. 3.11 Lakh/year and under CER Rs. 0.70 Lakh/year has proposed.
3. All the conditions stipulated by Divisional Commissioner Level Forest Committee vide meeting dated 03.10.2018 shall be complied by PP.

17. Case No 6757/2020 M/s Sankalp Stone Crusher Udyog, Smt. Rekha Patidar, Village - Kukshi, Dist. Dhar, MP. Prior Environment Clearance for Stone and Murrum Quarry in an area of 3.00 ha. (Basalt – 11,036 cum per annum, Murrum – 14,715 cum per annum) (Khasra No. 1/1), Village - Kavadiya Kheda, Tehsil - Kukshi, Dist. Dhar (MP).

This is case of Basalt Stone and Murrum Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1/1), Village - Kavadiya Kheda, Tehsil - Kukshi, Dist. Dhar (MP) 3.00 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 Officer letter no 2066 dated 28/04/18 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.

18. Delisting of TOR as their validity has expired & Query as PP has not submitted desired information.

TOR's were issued to the following cases and till date neither the EIA nor any request for TOR validity extension has received from PP and the validity of TOR has been expired.

Hence, committee after deliberations decided that these following cases may be sent to SEIAA for delisting:

SN	Case No. Activity	SEAC Meeting details	Reason for delisting
1.	Case no. 5687/2018 Chief Executive Officer, Jabalpur Development Authority, 7A, Circle Center, Marahacal, Jabalpur, (M.P.) – 482002. Prior Environment Clearance for Proposed Residential cum Commercial Scheme No. - 65 at Village - Basha, Kachnari, Mohania and Garha, Jabalpur (M.P.) Cat. - 8(b) Township and Area Development Projects.	Query in 368 SEAC meeting dated 02-05-2019.	Issued letter no. 344 dated 03.06.19 and reminder letter was also sent to the PP vide letter no. 604 dated 11/09/19. PP so far PP 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.
2.	Case no. 6300/2019 M/s Maa Shitla Stones Pvt. Ltd, R/o Infront of Gwalior Tyres, Roshni Ghar Road, Dist. Gwalior, (M.P.). Prior Environment Clearance for Stone Quarry in an area of 1.988 ha., Capacity – 40,000 cum per annum, at Khasra No. 51, Village - Kheriya Mirtyu, Tehsil - Gwalior, Dist. - Gwalior (M.P.).	Query in 378 SEAC meeting dated 03-07-2019.	Issued letter no. 499 dated 30.07.19 and reminder letter was also sent to the PP vide letter no. 691 dated 25/10/19. PP so far PP 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.
3.	Case No. - 5932/2019 Sarpanch/Sachiv, Gram Panchayat, Village - Baturawah, Tehsil - Manpur, Dist. Umaria, MP Prior Environment Clearance for Sand Mine in an area of 1.704 Ha. (34,128 cum per annum) (Khasra No. 252), Village- Baturawah, Tehsil - Manpur, Dist. Umaria (MP).	Query in 356 SEAC meeting dated 30-09-2019	Issued letter no. 453 dated 30.07.19 and reminder letter was also sent to the PP vide letter no. 637 dated 11/09/19. PP so far PP 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.
4.	Case No. 3210/15 M/s Shiv Shakti Trading Co., Near Piyush School, Basant Vihar Colony, Barhi Road, Katni (MP)-483501 Prior Environment Clearance for approval of Bauxite, Laterite & Fire Clay	TOR Extension Recommended in SEAC 369 meeting dt- 03.05.2019.	ToR Validity was up to 11.01.2020. Since PP neither submitted EIA report, case may be delisted.

	Mining Lease Area - 7.46 ha., Capacity - (1,76,131 TPA) at Khasra No.-1568, Vill.-Padwar, Teh.-Bahoriband, District-Katni (MP) (TOR Extension)		
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19. Case No. -5178/16 Shri Ramnaresh Jaiswal C/o Shri Sharda Prasad Jaiswal, Kawasji Ward, Near Vivekanand Chowk, Post-ACC, District-Katni (MP)-483504. Prior Environment Clearance for Padrehi Limestone Mine in an area of 1.732 ha. (55,000 TPA) at Khasra No.-97, Village-Padrehi, Tehsil-Vijayraghogarh, District-Katni (MP).

This is case of Padrehi Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.-97, Village-Padrehi, Tehsil-Vijayraghogarh, District-Katni (MP) 1.732 ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, letter from Mining Officer certifying the leases within 500 meters radius around the site and requisite information in the prescribed format duly verified by the Tehsildar and DFO. Concerned Mining Officer vide letter no. 18, dated: 02/01/16 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 136.57 ha including this mine.

The case was presented by the PP and his Consultant in 34th SEAC-II meeting dated 25/06/2016, wherein ToR was recommended

PP has submitted the EIA report vide letter dated 24/10/2019 which was forwarded through SEIAA vide letter no. 3148 dated 15/11/2019.

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.

PP vide letter dated 26/12/2019 has informed that due to unavoidable circumstances they are not able to present their case and requested to keep the case pending till further request. The above request was placed before the committee and committee deliberated that the case cannot be kept pending for unknown time period. Committee after deliberations recommends that from today 30 days time period may be given to the PP and case may be placed in the

scheduled agenda of the March, 2020 and even if PP remains absent, this case may be sent to SEIAA for delisting.

20. Case No. 4070/15 Shri Om Prakash Rai R/o P.O. Maihar, District-Satna (MP)-485771 prior Environment Clearance for approval of Barahiya Limestone Mine in an area of 2.017 ha. (Lime Stone – 17,600 TPA and Reject Stone – 10,000 TPA) at Khasra no.-206, 128, 204, 214, -133, 134, 126, 127, 205, 212, 213, Village-Barahiya, Tehsil-Maihar, District-Satna (MP). EIA Presentation. Env.Consultant: Aplinka Solutions & Technologies Pvt. Ltd.

The case was presented by the PP and their consultant in 267th SEAC meeting dated 15/01/2016. It being a case of major mineral, it was decided to consider this case as B-1 category and committee recommended to issue standard TOR prescribed by the MoEF&CC for conducting the EIA along with following additional TOR's:-

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

The case was discussed in 340th SEAC meeting dated 30/01/2019 as ToR Valid was up to 14/01/2019. Since PP neither has applied for TOR validity expansion nor has submitted EIA report, case may be delisted.

SEIAA forwarded this case file to SEAC vide letter no 2439 dated 01/03/2019 stating that: PP has submitted an application on 21.01.2019 with revised Form-I and PFR for reconsideration the case as per OM dated 29.08.2017 issued by MoEF&CC and requested to extend ToR validity for one year from the completion of three years with additional capacity of Reject Stone 10,000 TPA.

The case was presented by the PP and their consultant in 353rd SEAC Meeting dated 19/03/2019 wherein during discussion PP informed that there is no change in the production and requested committee that in the light of the above notification dated 29/08/2017 for extension in the validity of TOR for one year. After deliberations, the committee recommends that the TOR validity may be extended for one year with validity up to 13/01/2020 based on revised from-I and PFR submitted by PP as per MoEF&CC OM No. J-11013/41/2006-IA-II (I) (part) dated 29/08/2017.

PP has submitted the EIA report vide letter dated NIL which was forwarded through SEIAA vide letter no. 3593 dated 20/12/2019.

In 415th SEAC meeting dated 07-01-2020 the EIA was presented by the PP and their consultant wherein during presentation PP has submitted Detailed Chronology of this project:

PARTICULARS	FILE NO. /DOCUMENT NO
1 st grant for 10 years period	02.10.1992 to 01.10.2002
1 st renewal of Mining Lease for 20 years period	02.10.2002 to 01.10.2022
50 years extension as per MM(D & R) Amendment act 2015	02.10.1992 to 01.10.2042
Approval of Mining plan along with progressive mine closure plan has been approved by IBM, O/O The Regional Controller of Mines, Jabalpur	Letter no MP/SATNA/LIMESTONE/RMP-35/18-19 dated 20/11/2018
Forest NoC	No. 5273 9/9/2015
ToR letter was granted by SEIAA, MP	264/PS-MS/MPPCB/SEAC/M/TOR (267)/2016 dated 2/03/2016
TOR Extension	170/PS-MS/MPPCB/SEAC/ (353)/2019 dated 24/04/2019
Public Hearing was done at mine site in the presence of ADM, Satna (Sh. I.J.Khelkho)	14/06/19

During presentation it was observed by the committee through the Google image that no significant plantation was done since grant of lease which was also confirmed by the consultant for which committee recommended that additional 1000 trees shall be planted by the PP as compensatory plantation (environmental compensation) along with proposed 2000 trees. Committee further recommends that out of additional 1000 trees, 200 trees shall be planted within 15 days and proof of same shall be submitted with photographs and Drone videography of lease area for considering this case. Following additional query reply shall be submitted by the PP for further consideration of this project:

- Top soil management plan is to be submitted.
- Revised plantation scheme by replacing □□□□□ species to □□□□ as suggested by the committee.
- Revised CER as suggested by the committee during presentation.
- Commitment from the PP that 300 meters of safeguard shall be maintained from the blasting area.

PP in the 419 SEAC dated 24 .01.2020 has shown the photographs and Drone videography of lease area wherein showing plantation which has been done in last 15 days carried- out by PP. Moreover PP has already submitted the query reply vide dated 16.01.2020 which was asked in the 415th SEAC meeting dated 07-01-2020. The submitted query replies which were placed before the committee which was found satisfactory and acceptable to the committee. 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 Environment Clearance for approval of Barahiya Limestone Mine in an area of 2.017 ha. (Lime Stone – 17,600 TPA and Reject Stone – 10,000 TPA) at Khasra no.- 126, 127, 128, 133, 134, 204, 205, 206, 212, 213, 214 at Village Barahiya, Tehsil Maihar, District Satna (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.
9. Slope stability study shall be carried- out before commencing the mining activities.
10. Reject stone shall be sold only after approval of the State Government as per the prevailing rules & regulations.

(B) MINING OPERATIONAL PHASE

11. No overcharging during blasting to avoid vibration.
12. Controlled and muffle blasting shall be carried out considering habitation northern side of the lease.
13. Working height of the loading machines shall be compatible with bench configuration.
14. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.

15. No explosive will be stored at the mine site.
16. No intermediate stacking is permitted at the mine site.
17. No dump shall be stacked outside the lease area.
18. Overhead sprinklers shall be provided in mine.
19. 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.
20. 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 2000+1000 (compensatory plantation)=3000 trees shall be planted (out of which 1150 plants shall be planted within ML area and 1850 trees shall be planted on barrier zone, along transportation road and in the open area) .
21. Transportation of material shall be done in covered vehicles.
22. Transportation of minerals shall not be carried out through forest area.
23. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
24. 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 700 m x 2.0m X 1.5 m=2100 cum.
25. The settling tank will be two in number of size 15 x 10 x 2.0= 600 cum each with a mine sump of 30.0 x 15.0 x 3.0 =1350 cum.
26. 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.
27. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
28. The existing and proposed land use plan of the mine is as follows:

S. No	Particular	Existing	Proposed period end	Conceptual Period
1.	Total area excavated (broken)	0.65	1.32	(1.562)
2.	Area fully mined out (out of 1)	0.2	0.50	(1.562)
3.	Area fully reclaimed (Backfilled out of 2)	-	0.2	(0.662)
4.	Area rehabilitated out of 3 by afforestation	-	0.03	0.662

5.	Area reclaimed by water harvesting	-	-	0.9
6.	Total area under dumps	0.3	0.1	-
7.	Area under active dumps (out of 6)	-	-	-
8.	Area under mineral stack	-	-	-
9.	Area under Road	0.10	0.10	-
10.	Area under Green belt	0.10	0.455	0.455
11.	Area under infrastructure	-	0.01	-

29. 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.
30. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
31. The commitments made in the public hearing are to be fulfilled by the PP.
32. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
33. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

34. In the proposed EMP, capital cost is Rs. 7.50 Lakh is proposed and Rs.4.85 Lakh /year as recurring expenses.
35. Under CSR activity, Rs. 1.25 Lakh as capital and Rs. 1.0 Lakh /year as recurring.
36. 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.
37. 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.
38. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
39. PP will comply with all the commitments made vide letter dated 24.01.2020
40. 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.

(Dr. A.K. Sharma)
Member

(Dr.Sonal Mehta)
Member

(Dr. R. Maheshwari,)
Member

(Dr. Mohd. Akram Khan)
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.