

The 539th meeting of the State Expert Appraisal Committee (SEAC) was held on 07th January, 2021 under the Chairmanship of Dr. Praveen Chandra Dubey for the projects / issues received from SEIAA. The following members attended the meeting in person or through video conferencing –

1. Shri Raghvendra Shrivastava, Member.
2. Prof. (Dr.) Rubina Chaudhary, Member
3. Dr. A. K. Sharma, Member.
4. Prof. Anil Prakash, Member.
5. Prof. (Dr.) Alok Mittal, Member
6. Dr. Jai Prakash Shukla, Member.
7. Dr. Ravi Bihari Srivastava, Member.
8. Shri A.A. Mishra, Member Secretary.

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

1. **Case No. 8308/2021 M/s. KJS Cement Ltd, NH-7 Road, Rajnagar, Maihar, Dist. Satna, MP - 485771 Prior Environment Clearance for Limestone Mine in an area of 23.230 ha. (Limestone - 560000 Tonne per annum, OB & Waste - 60000 Tonne per annum) (Khasra No. 1024, 1025, 1026, 1027/1, 1027/2, 1028, 1029, 1030, 1033, 553, 554, 556, 557/1, 557/2, 558, 559, 560, 561, 624), Village - Bhadanpur South Patti, Tehsil - Maihar, Dist. Satna (MP) (In-Situ Enviro Care, Bhopal)**

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1024, 1025, 1026, 1027/1, 1027/2, 1028, 1029, 1030, 1033, 553, 554, 555, 556, 557/1, 557/2, 558, 559, 560, 561, 624), Village - Bhadanpur South Patti, Tehsil - Maihar, Dist. Satna (MP) 23.230 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 489th SEAC dated 12/03/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The case was scheduled again for 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. PP was also absent in the 489th SEAC dated 12/03/2021. Committee decided to give last chance

to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

2. **Case No. 8272/2021 M/s Karam Chand Associates, Shri Sandesh Kumar Jain, Civil Lines, Dist. Katni, MP Prior Environment Clearance for Limestone Mine in an area of 26.570 ha. (50,0940 tonne per annum) (Khasra No. 75/1 P, 75/2 P, 74P, 100P, 103/1 P, 103/2 P, 103/3 P, 134 P, 135 P), Village - Salaiya Paharhai, Tehsil - Vijayraghavgarh, Dist. Katni (MP). Env. Consultant- Shri Amar Singh Yadav, Aseries Envirotech India Pvt. Ltd., Lucknow (U.P.).**

This is case of Limestone Mine. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 75/1 P, 75/2 P, 74P, 100P, 103/1 P, 103/2 P, 103/3 P, 134 P, 135 P), Village - Salaiya Paharhai, Tehsil - Vijayraghavgarh, Dist. Katni (MP) 26.570 Ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 489th SEAC dated 12/03/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The case was scheduled again for 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. PP was also absent in the 489th SEAC dated 12/03/2021. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

3. **Case No. 8292/2021 Shri Pratap Singh Chouhan C/o Shri Sandesh Jain, MIG-2/12, Opposite Jain Temple, Housing Board Colony, Dist. Katni, MP - 483501 Prior Environment Clearance for Dolomite, Soapstone & Quartz Quarry in an area of 2.911 ha. (23546 cum per annum) (Khasra No. 621, 634, 635, 636, 637, 638), Village - Bhadawar, Tehsil - Badwara, Dist. Katni (MP), Env. Consultant- Shri Amar Singh Yadav, Aseries Envirotech India Pvt. Ltd., Lucknow (U.P.).**

This is case of Dolomite, Soapstone & Quartz Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 621, 634, 635, 636, 637, 638), Village - Bhadawar, Tehsil - Badwara, Dist. Katni (MP) 2.911 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. 2526 dated 08/07/2015 has reported that there are 05 more mines operating or proposed within 500 meters around the said mine with total area of 18.257 ha., including this mine.

Earlier this case was scheduled for presentation and discussion in 489th SEAC dated 12/03/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The case was scheduled again for 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. PP was also absent in the SEAC 489th meeting dated 12/03/2021. Committee decided to give last chance to PP for making presentation in the subsequent meetings of SEAC after which the case shall be returned to SEIAA assuming that PP is not interested to continue with the project.

4. **Case No. 6998/2020 M/s. Khajuraho Minerals Pvt. Ltd, 6th Km Sagar Road, Dhadari, PO & Dist. Chhatarpur, MP – 471001. Prior Environment Clearance for Pyrophyllite and Diaspore Quarry in an area of 12.0 ha Total Production – 55689 MT (Pyrophyllite - 43113 Tonne per annum, Diaspore - 12576 Tonne per annum) (RF No. 262), Village - Machigarh, Tehsil - Jitara, Dist. Tikamgarh (MP). Env. Consultant- Shri Sanjay Singh, M/s. Aplinka Solutions & Technologies Pvt. Ltd. NOIDA, (U.P.).**

This is case of Pyrophyllite and Diaspore Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (RF No. 262), Village - Machigarh, Tehsil - Jitara, Dist. Tikamgarh (MP) 12.0 ha. The project requires prior EC before commencement of any activity at site.

Earlier this case was scheduled for presentation and discussion in 432nd SEAC dated 18/05/2020 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

In this meeting the EIA was presented by Env. Consultant Shri Sanjay Singh from M/s. Aplinka Solutions & Technologies Pvt. Ltd. Noida, (U.P.) on behalf of PP. During presentation it was observed that as per Google image based on coordinates provided by PP the lease is located on the elongated hillock which is traversing towards south-west to north-east. PP stated that highest elevation 385 m AMSL towards centre and south. Lowest elevation 295 m AMSL towards South east. Mining of ore will be carried out by open cast semi mechanized method and no underground mining will be done. Moreover a forest kachha road is existed at 25 m north -west side however due to non – mineralized area PP has not proposed any working upto 100 meter, a natural drain existed at a distance 400m in the North-East side of the lease. It was also observed that the PP has taken diversion of forest land (RF- 262). In principle Forest Clearance has been accorded under FCA 1980 vide letter dated 11.05.2020. Compensatory Afforestation will be taken up by the Forest Department over 12 ha non-forest land (Khasra No. 13/1, Village- Kasera, Tehsil-Buxwaha. District-Chhatarpur) at the cost of the User Agency. The NPV has been deposited of Rs 1,01, 40,000/-.

PP further submitted that the vegetation of core area comprised with trees shrub and grasses vegetation. There are about 218 trees in the core zone and list of tree along with their girth size are also shown during presentation. There are eleven tree species found in the core zone about 56 % trees are falling within the girth class of 31 to 60 cm and 43 % are falling within the girth class of 61 to 90 cm. only 1 percent tree fall within the girth class greater than 91 cm.

After presentation and deliberation, PP was asked to submit following information:

1. Revises plantation species as suggested by the committee.
2. PP Commitment for proposed plantation in barrier zone will be carried out in first year.
3. Commitment from PP regarding future value for tree inflation along with Vision.
4. Protection plan for surface runoff.
5. Revised EMP Budget as suggested by the committee.

6. Revised CER plan as per suggestion received during meeting

PP vide their letter dated 07.01.2022 submitted query reply which was placed before the committee which were 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 EC for Pyrophyllite and Diaspore Quarry in an area of 12.0 ha Total Production – 55,689 MT (Pyrophyllite – 43,113 Tonne per annum, Diaspore – 12,576 Tonne per annum) (at Forest Compartment Block (R.F.) No. 262), Village - Machigarh, Tehsil - Jitara, Dist. Tikamgarh (MP). , subject to the following special conditions in addition to the standard conditions at annexure 'A':

(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.
20. Peripheral plantation all around the project boundary shall be carried out using tall saplings of minimum 2.5 feet 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 18,000 out of which 1500 trees shall be planted on barrier zone, 16,500 backfilled 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.
25. 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.
26. For dust suppression over head sprinkler shall be provided while on transport road for dust suppression tankers shall be provided.
27. 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.
28. PP will take adequate precautions so as not to cause any damage to the flora and fauna during mining operations.
29. The commitments made in the public hearing are to be fulfilled by the PP.
30. Fund should be exclusively earmarked for the implementation of EMP through a separate bank account.
31. PPE's such as helmet, ear muffs etc should be provide to the workers during mining operations.

(C) ENTIRE LIFE OF THE PROJECT

32. In the proposed EMP, capital cost is Rs. 17.10 Lakh is proposed and Rs.9.0 Lakh /year as recurring expenses.

33. Under CER activity, following activities are proposed based public hearing issues.

S/n	CER activities		Rate	Total cost(Rs)
1	Charnoi Land Development			60,000/-
	Actual cost to be deposited for Fodder development to forest department in consultation with DFO	6 ha	Rs 10000 per hectare	60,000/-
2	Infrastructure Development			3,55,000/-
	a) Road repair (Issue raised during PH)	Baidpur-Hridaynagar approach road (250 m)	Rs 100000/Km	25000/-
	b) Installation of deep bore well for drinking water (2 nos.) in Baidpur village during FY 2021-22(Issue raised during PH) with Hand Pump	2 bore	Rs 15000 each bore of 150 feet	30000/-
	c) Construction of playground cum park for children in Baidpur village FY 2023-2025 (Issue raised during PH)	4 Swings, Waking track, 5 Benches, Walley ball court etc	1 playground cum park (1000 Sq m)	300000/-
3	Sustainable livelihood			1,25,000/-
	a) Provide employment to the local villagers. The payment to the workers will be done as per the Minimum Wages Act into the bank accounts preferably.	50	Wages will be given as per administrative rules.	
	b) Provide vocational training like motor car repair, carpenter and for female like beauty parlour, tailoring etc.	Total 25 trainees (Female– 20 No. and male -5 No.)	Rs 5000 per trainee	125000/-
4	Health			75000/-

a) Provide awareness training during Covid pandemic and distribution of mask & sanitizer to the villagers	200 persons	Rs 50 per set of mask and sanitizer	10000/-
b) Organize health check up camps(Twice in a year)	2 health camp	Rs 20000 per camp	40000/-
c) Provision of drinking water supply to Baidpur Village	1 village	Rs 25000 during summer	25000/-
Total CER Budget			6,15,000/-

34. 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.

35. 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.

5. **Case No. 8391/2021 Shri Rajesh Pathak, Ward No. 15, Baihar Road, Dist. Balaghat, MP - 481111 Prior Environment Clearance for Sand Quarry in an area of 7.750 ha. (132525 cum per annum) (Khasra No. 706 Part), Village - Budbuda, Tehsil - Waraseoni, Dist. Balaghat (MP) Env. Consultant Shri Krishna Chandra Panda from M/s. Oceao Enviro Management Solution (India) Pvt. Ltd., Ghaziabad (U.P.)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 706 Part), Village - Budbuda, Tehsil - Waraseoni, Dist. Balaghat (MP) 7.750 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 459

dated: 05/03/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 493th SEAC dated 23/03/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Mr. Krishna C. Panda from M/s. OCEAO-ENVIRO Management Solutions (India) Private Limited , Gaziabad U.P. on behalf of PP. The Committee observed that this is a case of a river sand mining. During presentation committee observed that in the online Form-II and other submissions in the EIA report have not correctly matched with the mentioned points/information. Committee takes this matter seriously and informed Env. Consultant to carefully upload EIA and avoid any such error in document uploading in future and asked Env. Consultant to submit entire copy of fresh EIA report which should properly match with mentioned serial numbers and contents. Then after the case shall be further considered.

Following are the points where information found mismatched in the online submitted EIA report.

1. Shortcomings in the on line submitted EIA Report

- S.No. 4 (Page 1/9) Required information is not available in Figure 3.6 (Page III/20)
- S.No. 5 (Page 1/9) Required information is not available in Figure 3.6 (Page III/20)
- S.No. 10 (Page 1/11) Required information is not available in Figure 3.6 (Page III/20)
- S.No. 15 (Page 1/12) Para 3.11 is not available in the EIA
- S.No. 18 (Page 1/13) Para 3.11 is not available in the EIA
- S.No. 22 (Page 1/14) Figure 3.1 is not available in the EIA
- S.No. 24 (Page I/15) Required information is not available in Table 2.7 (Page II/23)

Additional TOR Point

S.No. 1.(Page 1/8) No sand evacuation route Map is available?

Check section 2.9 of all EIA

Other Points to be Addressed

S.No. 1 (Page 1/22) Figure 3.11 is not available in the EIA

Revised Entire Chapter 3, as it is written in haphazard manner

- S.No. 2 (Page 1/22) Figure 3.11 is not available in the EIA
- S.No. 6 (Page 1/22) Required information is not available in Section 4.2
- S.No. 6 (Page 1/22) Required information is not available in Section 4.4
- S.No. 6 (Page 1/22) Required information is not available in Section 4.5
- S.No. 6 (Page 1/22) Required information is not available in Section 4.3
- S.No. 7 (Page 1/22) incomplete information

General Conditions

S.No. 25 (Page 1/14) No report of soil profile available on Annexure IX

2. In the revised EIA report all the chapters, sections, tables and figure numbers should be thoroughly checked.
3. A revised copy of the EIA should be submitted to all members either through SEAC or by post. The copy must reach at least 10 days prior to the meeting scheduled for this case.

6. Case No. 8311/2021 Shri Rajesh Pathak, R/o, Ward No. 15, Baihar Road, Dist. Balaghat, MP 481111 Prior Environment Clearance for Sand Quarry in an area of 8.396 ha. (127619 cum per annum) (Khasra No. 650 Part), Village - Singodi, Tehsil - Waraseoni, Dist. Balaghat (MP) Env. Consultant Shri Krishna Chandra Panda from M/s. Oceao Enviro Management Solution (India) Pvt. Ltd., Ghaziabad (U.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 650 Part), Village - Singodi, Tehsil - Waraseoni, Dist. Balaghat (MP) 8.396 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2874 dated: 25/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 490th SEAC dated 16/03/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Mr. Krishna C. Panda from M/s. OCEAO-ENVIRO Management Solutions (India) Private Limited, Gaziabad U.P. on behalf of PP. The Committee observed that this is a case of a river sand mining. During presentation committee observed that in the online Form-II and other submissions in the EIA report have not correctly matched with the mentioned points/information. Committee takes this matter seriously and informed Env. Consultant to carefully upload EIA and avoid any such error in document uploading in future and asked Env. Consultant to submit entire copy of fresh EIA report which should properly match with mentioned serial numbers and contents. Then after the case shall be further considered.

Following are the points where information found mismatched in the online submitted EIA report.

1. Shortcomings in the on line submitted EIA Report

- S.No. 4 (Page 1/9) Required information is not available in Figure 3.6 (Page III/21)
- S.No. 5 (Page 1/9) Required information is not available in Figure 3.6 (Page III/21)
- S.No. 10 (Page 1/11) Required information is not available in Figure 3.6 (Page III/21)
- S.No. 24 (Page I/15) Required information is not available in Table 2.7 (Page II/27)

Additional TOR Point

- S.No. 1.(Page 1/8) No sand evacuation route Map is available?
- Check section 2.9 of all EIA

Other Points to be Addressed

- S.No. 1 (Page 1/22) Figure 3.11 is not available in the EIA
- Entire Chapter 3 is written in haphazard manner
- S.No. 2 (Page 1/22) Figure 3.11 is not available in the EIA
- Entire Chapter 3 is written in haphazard manner
- S.No. 6 (Page 1/22) Required information is not available in Section 4.2
- S.No. 6 (Page 1/22) Required information is not available in Section 4.4
- S.No. 6 (Page 1/22) Required information is not available in Section 4.5
- S.No. 6 (Page 1/22) Required information is not available in Section 4.3
- S.No. 7 (Page 1/22) Incomplete information

General Conditions

- S.No. 25 (Page 1/14) No report of soil profile available on Annexure IX

2. In the revised EIA report all the chapters, sections, tables and figure numbers should be thoroughly checked.
3. A revised copy of the EIA should be submitted to all members either through SEAC or by post. The copy must reach at least 10 days prior to the meeting scheduled for this case.

7. Case No. 8304/2021 Shri Rajesh Pathak, R/o, Ward No. 15, Baihar Road, Dist. Balaghat, MP - 481111 Prior Environment Clearance for Sand Quarry in an area of 12.416 ha. (228000 cum per annum) (Khasra No. 255 Part), Village - Katangtola, Tehsil - Waraseoni, Dist. Balaghat (MP) Env. Consultant Shri Krishna Chandra Panda from M/s. Oceao Enviro Management Solution (India) Pvt. Ltd., Ghaziabad (U.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 255 Part), Village - Katangtola, Tehsil - Waraseoni, Dist. Balaghat (MP) 12.416 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2971 dated 25/9/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 488th SEAC dated 10/03/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Mr. Krishna C. Panda from M/s. OCEAO-ENVIRO Management Solutions (India) Private Limited, Gaziabad U.P. on behalf of PP. The Committee observed that this is a case of a river sand mining. During presentation committee observed that in the online Form-II and other submissions in the EIA report have not correctly matched with the mentioned points/information. Committee takes this matter seriously and informed Env. Consultant to carefully upload EIA and avoid any such error in document uploading in future and asked Env.

Consultant to submit entire copy of fresh EIA report which should properly match with mentioned serial numbers and contents. Then after the case shall be further considered. Following are the points where information found mismatched in the online submitted EIA report.

1. Shortcomings in the on line submitted EIA Report

- Reply to TOR Compliance Points 1 to 44 are not available in EIA

Additional TOR Point.

- S.No. 1.(Page 1/8) No sand evacuation route Map is available?
- Check section 2.9 of all EIA

Additional TOR Point

- S.No. 1.(Page 1/8) No sand evacuation route Map is available?
- Check section 2.9 of all EIA

Other Points to be Addressed

- S.No. 1 (Page 1/10) Figure 3.11 is not available in the EIA
- Entire Chapter 3 is written in haphazard manner
- S.No. 2 (Page 1/10) Figure 3.11 is not available in the EIA
- Revised Chapter 3, as entire chapter is written in haphazard manner
- S.No. 6 (Page 1/10) Required information is not available in Section 4.2
- S.No. 6 (Page 1/10) Required information is not available in Section 4.4
- S.No. 6 (Page 1/11) Required information is not available in Section 4.5
- S.No. 6 (Page 1/11) Required information is not available in Section 4.3
- S.No. 7 (Page 1/11) Incomplete information
- S.No. 25 (Page 1/14) Report of soil profile?

2. In the revised EIA report all the chapters, sections, tables and figure numbers should be thoroughly checked.
3. A revised copy of the EIA should be submitted to all members either through SEAC or by post. The copy must reach at least 10 days prior to the meeting scheduled for this case.

8. **Case No 8306/2021 Shri Rajesh Pathak, R/o, Ward No. 15, Baihar Road, Dist. Balaghat, MP - 481111 Prior Environment Clearance for Sand Quarry in an area of 8.869 ha. (159493 cum per annum) (Khasra No. 1014 Part), Village -**

Rampayali, Tehsil - Waraseoni, Dist. Balaghat (MP) Env. Consultant Shri Krishna Chandra Panda from M/s. Oceao Enviro Management Solution (India) Pvt. Ltd., Ghaziabad (U.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 1014 Part), Village - Rampayali, Tehsil - Waraseoni, Dist. Balaghat (MP) 8.869 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2870 dated: 25/09/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 488th SEAC dated 10/03/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Mr. Krishna C. Panda from M/s. OCEAO-ENVIRO Management Solutions (India) Private Limited , Gaziabad U.P. on behalf of PP. The Committee observed that this is a case of a river sand mining. During presentation committee observed that in the online Form-II and other submissions in the EIA report have not correctly matched with the mentioned points/information. Committee takes this matter seriously and informed Env. Consultant to carefully upload EIA and avoid any such error in document uploading in future and asked Env. Consultant to submit entire copy of fresh EIA report which should properly match with mentioned serial numbers and contents. Then after the case shall be further considered.

Following are the points where information found mismatched in the online submitted EIA report.

1. Shortcomings in the on line submitted EIA Report

- S.No. 4 (Page 1/9) Required information is not available in Figure 2.1 (Page II/5)

- S.No. 22 (Page 1/14) Required information is not available in Figure 3.1 (Page III/2)
- S.No. 22 (Page 1/14) Required information is not available in Figure 3.2 (Page III/6)

Other Points to be Addressed

- S.No. 1 (Page 1/22) Figure 3.11 is not available in the EIA
Entire Chapter 3 is written in haphazard manner
- S.No. 2 (Page 1/22) Figure 3.11 is not available in the EIA
- S.No. 6 (Page 1/21) Required information is not available in Section 4.4
- S.No. 7 & 8 Not mentioned in EIA report.

- **General Conditions**

- S.No. 25 (Page 1/14) Soil profile of lease area??

2. In the revised EIA report all the chapters, sections, tables and figure numbers should be thoroughly checked.
3. A revised copy of the EIA should be submitted to all members either through SEAC or by post. The copy must reach at least 10 days prior to the meeting scheduled for this case.

9. **Case No 8305/2021 Shri Rajesh Pathak, R/o, Ward No. 15, Baihar Road, Dist. Balaghat, MP - 481111 Prior Environment Clearance for Sand Quarry in an area of 8.565 ha. (130188 cum per annum) (Khasra No. 75 Part), Village - Jagpur, Tehsil - Waraseoni, Dist. Balaghat (MP) Env. Consultant Shri Krishna Chandra Panda from M/s. Oceao Enviro Management Solution (India) Pvt. Ltd., Ghaziabad (U.P.)**

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 75 Part), Village - Jagpur, Tehsil - Waraseoni, Dist. Balaghat (MP) 8.565 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2873 dated 25/9/20 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

Earlier this case was scheduled for presentation and discussion in 488th SEAC dated 10/03/2021 wherein ToR was recommended. PP has submitted the EIA report forwarded through SEIAA on-line and the same was scheduled in the agenda.

The EIA was presented by Env. Consultant Mr. Krishna C. Panda from M/s. OCEAO-ENVIRO Management Solutions (India) Private Limited, Gaziabad U.P. on behalf of PP. The Committee observed that this is a case of a river sand mining. During presentation committee observed that in the online Form-II and other submissions in the EIA report have not correctly matched with the mentioned points/information. Committee takes this matter seriously and informed Env. Consultant to carefully upload EIA and avoid any such error in document uploading in future and asked Env. Consultant to submit entire copy of fresh EIA report which should properly match with mentioned serial numbers and contents. Then after the case shall be further considered.

Following are the points where information found mismatched in the online submitted EIA report.

1. Shortcomings in the on line submitted EIA Report

- S.No. 4 (Page 1/9) Required information is not available in Figure 2.1 (II/3)
- S.No. 4 (Page 1/9) Figure 3.10 is not available in EIA report
- S.No. 5 (Page 1/9) Figure 3.10 is not available in EIA report
- S.No. 10 (Page 1/11) Figure 3.10 is not available in EIA report
- S.No. 22 (Page 1/14) Figure 3.1 is not available in the EIA
- S.No. 22 (Page 1/14) Figure 3.3 is not available in the EIA
- S.No. 24 (Page I/15) Required information is not available in Table 2.7 (Page II/23)

Additional TOR Point

- S.No. 1.(Page 1/8) No sand evacuation route Map is available?
- Check section 2.9 of all EIA.

Other Points to be Addressed

- S.No. 1 (Page 1/22) Figure 3.11 is not available in the EIA
- **Entire Chapter 3 is written in haphazard manner**
- S.No. 6 (Page 1/22) required information is not available in Section 4.4

- S.No. 7 & 8 Not mentioned in EIA report

General Conditions

- S.No. 25 (Page 1/14) No report of soil profile available on Annexure IX
- 2. In the revised EIA report all the chapters, sections, tables and figure numbers should be thoroughly checked.
- 3. A revised copy of the EIA should be submitted to all members either through SEAC or by post. The copy must reach at least 10 days prior to the meeting scheduled for this case.

10. Case No 8303/2021 Shri Rajesh Pathak, R/o, Ward No. 15, Baihar Road, Dist. Balaghat, MP - 481111 Prior Environment Clearance for Sand Quarry in an area of 10.0 ha. (152000 cum per annum) (Khasra No. 574 Part), Village - Sarandi, Tehsil - Waraseoni, Dist. Balaghat (MP) Env. Consultant Shri Krishna Chandra Panda from M/s. Oceao Enviro Management Solution (India) Pvt. Ltd., Ghaziabad (U.P.)

This is case of Sand Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site at (Khasra No. 574 Part), Village - Sarandi, Tehsil - Waraseoni, Dist. Balaghat (MP) 10.0 Ha. The project requires prior EC before commencement of any activity at site.

PP has submitted a copy of approved Mining Plan, DSR report, information in the lease's within 500 meters radius around the site and other requisite information in the prescribed format duly verified in the Collector Office (Ekal Praman-Patr) letter no. 2870 dated:25/9/2020 has reported that there are no more mines operating or proposed within 500 meters around the said mine.

The EIA was presented by Env. Consultant Mr. Krishna C. Panda from M/s. OCEAO-ENVIRO Management Solutions (India) Private Limited, Gaziabad U.P. on behalf of PP. The Committee observed that this is a case of a river sand mining. During presentation committee observed that in the online Form-II and other submissions in the EIA report have not correctly matched with the mentioned points/information. Committee takes this matter seriously and informed Env. Consultant to carefully

upload EIA and avoid any such error in document uploading in future and asked Env. Consultant to submit entire copy of fresh EIA report which should properly match with mentioned serial numbers and contents. Then after the case shall be further considered.

Following are the points where information found mismatched in the online submitted EIA report.

1. Shortcomings in the on line submitted EIA Report

- S.No. 4 (Page 1/9) Required information is not available in Figure 2.1 (II/4)
- S.No. 4 (Page 1/9) Required information is not available in Figure 3.6 (III/19)
- S.No. 10 (Page 1/11) Required information is not available in Figure 3.6 (III/19)
- S.No. 22 (Page 1/14) Required information is not available in Figure 3.1 (III/6)
- S.No. 24 (Page I/15) Required information is not available in Table 2.7 (Page II/26)

Additional TOR Point

- S.No. 1.(Page 1/8) No sand evacuation route Map is available?
- Check section 2.9 of all EIA

Other Points to be Addressed

- S.No. 6 (Page 1/22) Required information is not available in Section 4
- S.No. 7 & 8 Not mentioned in EIA report

Entire Chapter 3 is written in haphazard manner

- S.No. 6 (Page 1/22) required information is not available in Section 4.4
- S.No. 7 & 8 Not mentioned in EIA report

General Conditions

- S.No. 25 (Page 1/14) No report of soil profile available on Annexure IX
2. In the revised EIA report all the chapters, sections, tables and figure numbers should be thoroughly checked.
 3. A revised copy of the EIA should be submitted to all members either through SEAC or by post. The copy must reach at least 10 days prior to the meeting scheduled for this case.

11. Case No 8864/2021 M/s Bajrang Granite Stone Works, Authorized Person Shri Bhupendra Prajapati, Village - Ghatahari, Tehsil - Gaurihar, Dist. Chhatarpur

(MP) Prior Environment Clearance for Stone Quarry in an area of 2.80 ha. (70723 Cum per annum) (Khasra No. 463/2/2), Village - Ghatahari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) Env. Consultant M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram.

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 463/2/2), Village - Ghatahari, Tehsil - Gaurihar, Dist. Chhatarpur (MP) 2.80 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by Env. Consultant Shri Arvind Singh, M/s. Amaltas Enviro Industrial Consultants LLP, Gurugram and Shri G. K. Mishra on behalf of PP During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR & PFR for appraisal of project before the committee. PP further submitted that method of mining shall be through rock breaker hence, no blasting shall be carried out accordingly mining plan shall be revised and approved by competent authority. It was observed by Committee that as per Collector Office letter No. 1983 dated 23/9/20 has reported that there are 12 more mines operating or proposed within 500 meters around the said mine with total area of 31.005 ha., including this mine. Being it's a case Stone Quarry with total area of 31.005 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:-

- Cumulative impact of air, noise & traffic shall be incorporated in final EIA Report.
- Discuss surface run-off management plan w.r.t. lease is existing on hillock in the EIA report.
- Inventory of all existing trees with their girth and height details and if any tree is to be uprooted, then its proper management plan it should be clearly addressed in EIA.
- Submit revised approved mining plan by competent authority.
- The project proponent shall discuss the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease

areas or Habitations and villages are surrounded by the mine lease area”, and shall be discussed in the EIA report.

- Detailed evacuation plan with transport route, required infrastructure and manpower is to be discussed in the EIA report.
- Transportation plan & traffic management plan should be discussed in the EIA report.

12. Case No 8862/2021 Shri Arpit Sharma Village - Dongra, Tehsil - Bijawar, Dist. Chhatarpur (MP), Prior Environment Clearance for Quartzite Stone Quarry in an area of 10.0 ha. (15002 Cum per annum) (Khasra No. 155, 161, 162, 183, 184, 185, 186, 187), Village - Dongra, Tehsil - Bijawar, Dist. Chhatarpur (MP)

This is case of Quartzite Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 155, 161, 162, 183, 184, 185, 186, 187), Village - Dongra, Tehsil - Bijawar, Dist. Chhatarpur (MP) . Area-10.0 Ha. The project requires prior EC before commencement of any activity at site.

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.

13. Case No 8863/2021 M/s Tata Steel Limited, Head Manufacturing LR PC and Product Factory Manager, Plot No. 158, 158A, Sector-III, Industrial Area, Pithampur, Tehsil & Dist. Dhar, MP Prior Environment Clearance for Regularization of existing production facilities for production of Steel Wires (101400 TPA) at Plot No. 158 & 158A, Industrial Area, Pithampur, Dist. Dhar (MP) . Category: 3(a). Env. Consl.: Enacon LabPvt. Ltd. Nagpur Mh..

This is case of Prior Environment Clearance for Regularization of existing production facilities for production of Steel Wires (101400 TPA) at Plot No. 158 & 158A, Industrial Area, Pithampur, Dist. Dhar (MP), Category: 3(a).

The case was presented by Env. Consultant Dr. Dattatraya Garve from M/s. Enacon LabPvt. Ltd., Nagpur Mh. on behalf of PP, PP submitted that this is case of regularization of existing production facilities for Steel wires of capacity 101400 TPA located at- Plot 158, 158 A, Sector 3, Pithampur Industrial Area, Tehsil & District Dhar, M.P. Seeking EC for regularization as per Hon'ble NGT order in O.A. No. 55/2019 (WZ) Order dated 12th February, 2020 in the matter of Gajubha Jesar Jadeja

vs Union of India & Ors. PP submitted following submission following salient features of the project:

- M/s. TATA Steel Limited - Wire Division” Pithampur MP plant started its operations in 2006, its old unit named as Indore Wire Company, acquired by Tata Steel Ltd. PWP as on 2021 is one of the well-established manufacturing unit for GWI from operational, market & financial perspective. PWP has become hub for infrastructure segment. Produces all wires of infra family like LRPC strand, single LR, PCSR etc. and is largest plant by capacity owned by GWI.
- The proposal is for a Regularization of production facilities for steel wires of capacity 101400 TPA located at Plot No. 158 & 158A, Industrial Area Pithampur, District: Dhar (MP) - 454775.
- This is a proposal for seeking Environmental clearance for regularization of existing production facilities as per Order dated 12th February, 2020 of Hon’ble NGT in O.A. No. 55/2019 (WZ) in the matter of Gajubha Jesar Jadeja vs Union of India & Ors.
- The Company has valid CTO available from MPPCB with CONSENT No.- AW-54810 Dtd. 08-12-2021 with validity till 30.11.2022.
- The production capacity as well as size of the project remains unchanged as per CTO and application for proposed environment clearance will be as per existing CTO Capacities. In addition, land area also remains unchanged.
- M/s. Tata Steels Limited has made an application online vide proposal no. SIA/MP/MMIS/68637/2021 dated 16/12/2021 along with the application in prescribed format (Form-I), copy of pre-feasibility report and proposed ToRs for undertaking detailed EIA study as per the EIA Notification, 2006 for the project mentioned above. The proposed project activity is listed at S.No.3(a) Metallurgical industries under Category “B1” of the schedule of the EIA Notification, 2006 and being appraised at MP SEAC.
- The Land is already diverted for industrial use. The existing total project area is 8.11 Ha., out of which built up plinth area of the plant inside plot 158 & plot 158A is 2.19 Ha., greenbelt area is 1.36 Ha., Road & Paved area is 0.71 Ha. and Open area is 3.85. The land is already owned by the Tata Steel Ltd. There will be no change in land use.
- This is existing operative plant for which environmental consent is available with Consent No. AW-52440 dated 13.11.2021. It has been approved in CAC meeting. M/s. Tata Steel Ltd. is now seeking for regularization of existing production facilities as per NGT Order. The production capacity as well as size of the

project remains the same. Thus, There will be no change in land area as well as production capacity.

- As per EIA notification 2006 and subsequent amendment thereof the project is categorized as Category “B1”; as per latest CTO issued the project fall under secondary metallurgical activities which is covered under 3(a) Metallurgical industries (ferrous & non-ferrous).

Committee after deliberations observed that as per Hon’ble NGT order O.A. No. 55/2019 (WZ) , dated 12th February, 2020 wherein one year window period was given for the regularization of existing production facilities which was valid was valid upto 11th February 2021 whereas PP has applied for the regularization of EC on dated 22.10.2021. So it was observed that PP has not submitted/applied their application within time frame given by Hon’ble NGT order. In this context it has also observed that so far MoEF&CC has not issued any O.M. for any condoned period/ delayed period.

Committee also observed during presentation that PP has applied production of Steel Wires (101400 TPA) Thus Committee observed that production of Steel Wires does not fall under Category 3(a) “Metallurgical industries (ferrous & non ferrous)”. This project cannot be appraised according to direction MoEF&CC, EIA notification 2006.

1	2	3	4	5
		Materials Production		
3(a)	Metallurgical industries (ferrous & non ferrous)	a) Primary metallurgical industry All projects b) Sponge iron manufacturing \geq 200TPD c) Secondary metallurgical processing industry All toxic and heavy metal producing units \geq 20,000 tonnes /annum	Sponge iron manufacturing 5000 tonnes/annum Secondary metallurgical processing industry All toxic and heavy metal producing units 5000 tonnes/annum	“General condition shall apply. Note: (i) The recycling industrial units registered under the HSM Rules, are exempted. (ii) In case of secondary metallurgical processing industrial units, those projects involving operation of furnaces only such as induction and electrical arc furnace, submerged

				arc furnace, and cupola with capacity more than 30,000 tonnes per annum (TPA) would require environmental clearance. (iii) Plant / units other than power plants (given against entry no. 1(d) of the schedule), based on municipal solid waste (nonhazardous) are exempted.”
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Thus in this above context SEIAA may seek clarification from MoEF&CC whether this type of activity is required Prior EC or not and if required then mentioned, fall in which category. Hence committee has decided file is return back to SEIAA for further necessary action.

14. Case No 8860/2021 Shri Rajendra Singh S/o Shri Prabhunath Singh, Sujalpur, Tehsil -m Sujalpur, Dist. Shajapur, MP - 465683 Prior Environment Clearance for Stone Quarry in an area of 2.0 ha. (17796 Cum per annum) (Khasra No. 277/19), Village - Jabardi, Tehsil - Pachour, Dist. Rajgarh (MP) RQP Shri Balraj Singh Choudhary

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 277/19), Village - Jabardi, Tehsil - Pachour, Dist. Rajgarh (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Balraj Singh Choudhary on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office letter No. 318 dated 11/10/2021 has reported that there are 01 more mines operating or proposed within 500 meters around the said mine with total area of 3.0 ha., including this mine. As per Google image based on online KML file uploaded by PP, the lease was seems to operative and mine pits are filled with water in the North -NE side of the lease , crusher is installed within lease area.

PP submitted the this old mining pits and this mine was in operation in between 09.08.2010 to 08.08.2020 and this lease was allotted to Shri Jitendra Singh for affirmation of this fact during presentation PP has showed M.O. letter vide no. 490 dated 09.08.2010 and stated that the size of excavated pit about 6776 m². Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	7 & 20	South-East & SW	Revise surface map showing with appropriate set back wrt kachha road and habitation as per policy decision taken by SEIAA meeting 694th dated 26.11.2021 and issued vide no. 2590 dated 14.12.2021, Proposal of tree rows plantation .
River	200	East	Provision of Garland drain & settling tanks.
Natural drain	67	NW	Provision of Garland drain & settling tanks.
Water impounding structure	344	North	Provision of Garland drain & settling tanks.
About 05 Trees	Within lease	-	Tree Management plan

After presentation committee asked PP to submit response on following issue:

1. Revise surface map showing with appropriate set back wrt kachha road as per policy decision taken by SEIAA meeting 694th.
2. Revised plantation scheme as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 07/01/2022, 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 after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 17,796 Cum per annum .
2. A budgetary provision for Environmental management Plan of Rs.6.63 Lakh as capital and Rs. 03.51 Lakh/year.

3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme.
4. Under CER activity, following activities are proposed based public hearing issues.

		FOR SOCIAL WELFARE:	Amount to be spent
Village-Jabardi.	A.	Providing infrastructure & need based support in Govt. High school as under:	
		Plantation of 50 species of Neem, Maulshree, Putranjeeva, Kadam, Kachnar will be planted in school premises with Tree Guard and Name plate of species. (Rs. 10,000 @ 200 /species).	Rs. 10,000
		Fyber Slides at Village Middle School Jabardi. (Rs. 25000).	Rs. 25,000
		Levelling of Village Middle school playground, (Rs. 20,000)	Rs. 20,000
		Total	55,000

15. Case No 8858/2021 Shri Aakash Sharma S/o Shri Anand Sharma, Village - Badagaon Jagir, Mohana, Dist. Gwalior, MP - 475330 Prior Environment Clearance for Flag Stone Quarry in an area of 1.673 ha. (5000 Cum per annum) (Khasra No. 1956/4/3/Min-1, 1956/4/4/Min-1, 1956/4/5/Min-1), Village - Badagaon, Tehsil - Ghatigaon, Dist. Gwalior (MP) RQP Nikita Prajapati and Mr. Sishupal Verma

This is case of Flag Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 1956/4/3/Min-1, 1956/4/4/Min-1, 1956/4/5/Min-1), Village - Badagaon, Tehsil - Ghatigaon, Dist. Gwalior (MP) 1.673 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Nikita Prajapati and Mr. Sishupal Verma on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 9472 dated 13/11/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. PP submitted that Mining shall be carried out by Open cast manual method & No drilling & blasting required as it

is Flagstone Quarry . As per Google image based on online KML file uploaded by PP, the lease is “L” shape type, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Canal	37, 352 & 348	SE , N & West	Revise surface map showing appropriate set back wrt as per policy decision taken by SEIAA meeting 694th dated 26.11.2021 and issued vide no. 2590 dated 14.12.2021.
Kachcha Road	Crossing the lease	-	PP submitted this is not a kachha road .
Natural drain	100	East	Provision of garland drain & settling tank.
Pucca Road	180	South	Three rows of Plantation towards road with tree guard side.
Human settlement	370 & 400	South & South-West	Three rows of Plantation towards road with tree guard side.
Some house type structure	160	NW	Three rows of Plantation towards road side.

During presentation PP stated that a type of raw canal is existed at a distance of 37 m in the SE side is not a lined canal it is locally called a Barha/Paita . The committee asked PP to submit document/letter of competent authority regarding information of canal & kachha road then after their case shall be appraised.

16. Case No 8865/2021 Shri Rajendra Prasad Tiwari, 25, Juni, Indore Railway Line, Dharam Kanta Road, Dist. Khandwa, MP - 450001 Prior Environment Clearance for Stone Quarry in an area of 1.0 ha. (9975 Cum per annum) (Khasra No. 98), Village - Singot, Tehsil - Khandwa, Dist. Khandwa (MP) RQP Anil Kumar Sharma

This is case of Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 98), Village - Singot, Tehsil - Khandwa, Dist. Khandwa (MP) 1.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Anil Kumar Sharma, Bhopal on behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was

observed by Committee that as per Collector Office letter No. 976 dated 18/11/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file uploaded by PP, a pit was observed PP submitted that it was very old mine pit earlier this lease was sanctioned to the same PP for 10 years, PP has shown pit have in the surface map. Around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	Crossing the lease	From North to South	PP submitted that this is a haulage road not a public road earlier this kachha road used for mining purpose.
Kachha Road	108	SW	Three rows of plantation.
River	120	East	Provision of Garland drain & settling tanks.
Some structure	Within lease & adjacent to lease	North	PP submitted this was the old temporary shelters used by workers.

After presentation committee asked PP to submit response on following issue:

1. Clarification regarding why lease is excavated and regarding some structures existed adjacent to lease area.
2. Revised plantation scheme as suggested by PP.
3. Location with Khasra no. with area for grazing land development.
4. Plantation shall be carried in the 01 year.
5. Revised EMP as suggested by committee.

PP has submitted the response of above quarries same date vide letter dated 07/01/2022, 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 after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Stone 9975 Cum per annum .
2. A budgetary provision for Environmental management Plan of Rs.5.0 Lakh as capital and Rs. 01.10 Lakh/year.

3. As proposed, a minimum of 1500 trees shall be planted as per the submitted plantation scheme.
4. Under CER activity, following activities are proposed based public hearing issues.

	FOR SOCIAL WELFARE	Amount to be spent
Village-Singot	Social welfare: White wash and Books in Primary School	30,000.00

17. Case No 8859/2021 M/s Chetak Stone Crusher, Shri Sandeep Singh, Kotadabuzurg, Tehsil Garoth, District- Mandsaur M.P, Prior Environment Clearance for Murrum and Stone Quarry in an area of 2.0 ha. (Murrum - 5852 Cum per annum, Stone - 10000 Cum per annum) (Khasra No. 356/Min-2), Village - Kotadabuzurg, Tehsil - Garoth, Dist. Mandsaur (MP)

This is case of Murrum and Stone Quarry. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site (Khasra No. 356/Min-2), Village - Kotadabuzurg, Tehsil - Garoth, Dist. Mandsaur (MP) 2.0 Ha. The project requires prior EC before commencement of any activity at site.

The case was presented by RQP Shri Amar Yadav behalf of PP. During presentation, PP showed various documents such as lease sanction order, Gram Sabha, DFO NOC, Tehsildar Certificate, MO Certificate, Approved Mine Plan, Khasra Panchshala, P-II, DSR, EMP & PFR for appraisal of project before the committee. It was observed by Committee that as per Collector Office (Ekle Praman-patra) letter No. 1620 dated 23/07/2021 has reported that there are no more mines operating or proposed within 500 meters around the said mine. As per Google image based on online KML file uploaded by PP, around 500 meters following sensitive features were observed of the lease area:

Sensitive Features	Approximate aerial distance from the lease area in meters	Direction	Remarks
Kachha Road	155 & 137	South & west	Three rows of plantation.
Water body & stop dam / Natural drain	600 & 750	North & south	Provision of Garland drain & settling tanks.
Some Trees	Within lease	-	PP submitted these are shrubs (over browses) not are trees

After presentation committee asked PP to submit response on following issue:

1. Revised plantation scheme as suggested by PP.
2. Revised EMP.

PP has submitted the response of above quarries same date vide letter dated 07/01/2022, 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 after deliberation found that The EMS and other submissions made by the PP were found to be satisfactory and acceptable, hence committee decided to recommend the case for grant of prior EC subject to the following special conditions in addition to the standard conditions at annexure 'A':

1. Production shall be as per mine plan with quantity not exceeding for Murrum - 5852 Cum per annum, Stone – 10,000 Cum per annum.
2. A budgetary provision for Environmental management Plan of Rs.14.96 Lakh as capital and Rs. 04.26 Lakh/year.
3. As proposed, a minimum of 2400 trees shall be planted as per the submitted plantation scheme.
4. Under CER activity, following activities are proposed based public hearing issues.

Village	FOR SOCIAL WELFARE	Amount
Kotada buzurg	Distribution of 1000mask and 05no. Bottle of 10ltr. hand sanitizer in village, Kotada buzurg	Rs. 20,000
Kotada buzurg	White wash in inside the classrooms and paint Classroom gate of Govt. school,	Rs. 40,000
	Toatl	Rs. 60,000.00

(A. A. Mishra)
Member Secretary

(Dr. Praveen Chandra Dubey)
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. The regulations of danger zone (500 meters) prescribed by Directorate General of Mines safety shall also be complied compulsorily and necessary measures should be taken to minimize the impact on environment.
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. Arrangements for overhead sprinklers with solar pumps / water tankers 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 04 meters high wind breaking wall of suitable material to avoid fugitive emissions.
8. Working height of the loading machines shall be compatible with bench configuration.
9. Slurry Mixed Explosive (SME) shall be used instead of solid cartridge.
10. The OB shall be reutilized for maintenance of road. PP shall bound to compliance the final closure plan as approved by the IBM.
11. 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.
12. 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.
13. A separate bank account should be maintained for all the expenses made in the EMP and CER 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.
14. 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.
15. 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.
16. 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. On garland trench locally available (tree species) seed sowing to be done.
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. PP shall take Socio-economic activities in the region through the 'Gram Panchayat'.
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.
23. 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.
24. 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.
25. The mining lease holders shall after ceasing mining operation, undertake re-grassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora , fauna etc. Moreover, a separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
26. The project proponent shall follow the mitigation measures provided in MoEF&CCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
27. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
28. Authorization (if required) under Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 should be obtained by the PP if required.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
31. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme and along the fencing seed sowing of Neem, Babool, Safed Castor etc. shall also be carried out.
32. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh "ANKUR YOJNA" by registering individual villagers on "Vayudoot app". Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
35. Adequate provisions of water for irrigating plantation shall be made by PP.
- 35.a Causality replacement from 1st year upto 5th year of plantation or upto lease period (whatever in less). Plantation maintenance from 11th year upto lease period.
36. To know the soil quality, type and depth of the lease area the trial pit shall be dug out in the barrier zone.

37. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action Plan.

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. Arrangements for overhead sprinklers with solar pumps / water tankers 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. Only registered vehicles/tractor trolleys with GPS 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.
5. 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.
6. Mineral evacuation road shall be made Pucca (WBM/black top) by PP.
7. Sand and gravel shall not be extracted up to a distance of 1 kilometer (1Km) from major bridges and highways on both sides, or five times (5x) of the span (x) of a bridge/public civil structure (including water intake points) on up-stream side and ten times (10x) the span of such bridge on down-stream side, subjected to a minimum of 250 meters on the upstream side and 500 meters on the downstream side.
8. Mining depth should be restricted to 3 meters or water level, whichever is less and distance from the bank should be 1/4th or river width and should not be less than 7.5 meters. No in-stream mining is allowed. Established water conveyance channels should not be relocated, straightened, or modified.
9. Demarcation of mining area with pillars and geo-referencing should be done prior to the start of mining.
10. PP shall carry out independent environmental audit atleast once in a year by reputed third party entity and report of such audit be placed on public domain.
11. No Mining shall be carried out during Monsoon season.
12. The mining shall be carried out strictly as per the approved mine plan and in accordance with the Sustainable Sand Mining Management Guidelines, 2016 and Enforcement & Monitoring Guidelines for Sand Mining, 2020 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.
13. If the stream is dry, the excavation must not proceed beyond the lowest undisturbed elevation of the stream bottom, which is a function of local hydraulics, hydrology, and geomorphology.
14. After mining is complete, the edge of the pit should be graded to a 2.5:1 slope in the direction of the flow.
15. Necessary consents shall be obtained from MPPCB and the air/water pollution control measures have to be installed as per the recommendation of MPPCB.
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. All these facilities such as rest shelters, site office etc. Shall be removed from site after the expiry of the lease period.
18. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020 and these details should be provided in Annual Environmental Statement.
19. 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.
20. PP shall be responsible for discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.

21. 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.
22. NOC of Gram Panchayat should be obtained for the water requirement and forest department before uprooting any trees in the lease area.
23. 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.
24. 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.
25. 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.
26. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M dated 16/01/2020.
27. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
28. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
29. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
30. Following conditions must be implemented by PP in case of sand mining as per NGT (CZ) order dated 19/10/2020 in OA NO. 66/2020 and SEIAA's instruction vide letter No. 5084 dated 09/12/2020.
 - i. The Licensee must use minimum number of poclains and it should not be more than two in the project site.
 - ii. The District Administration should assess the site for Environmental impact at the end of first year to permit the continuation of the operation.
 - iii. The ultimate working depth shall be 01 m from the present natural river bed level and the thickness of the sand available shall be more than 03 m the proposed quarry site.
 - iv. The sand quarrying shall not be carried out blow the ground water table under any circumstances. In case, the ground water table occurs within the permitted depth at 01 meter, quarrying operation shall be stopped immediately.
 - v. The sand mining should not disturb in any way the turbidity, velocity and flow pattern of the river water.
 - vi. The mining activity shall be monitored by the Taluk level Force once in a month by conducting physical verification.
 - vii. After closure of the mining, the licensee shall immediately remove all the sheds put up in the quarry and all the equipments used for operation of sand quarry. The roads/pathways shall be leveled to let the river resume its normal course without any artificial obstruction to the extent possible.
 - viii. The mined out pits to be backfilled where warranted and area should be suitable landscaped to prevent environmental degradation.
 - ix. PP shall adhere to the norms regarding extent and depth of quarry as per approved mining plan. The boundary of the quarry shall be properly demarcated by PP.
31. Species such as Khus Slips and Nagar Motha shall be planted on the river banks for bank stabilization and to check soil erosion while on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
32. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
33. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.
 34. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
 35. Adequate provisions of water for irrigating plantation shall be made by PP.
 36. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action 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. Arrangements for overhead sprinklers with solar pumps / water tankers 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.
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 CER 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.
23. A separate budget in EMP & CER shall maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
24. The project proponent shall follow the mitigation measures provided in MoEFCCs Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area".
25. Any change in the correspondence address shall be duly intimated to all the regulatory authority within 30 days of such change.
26. A display board with following details of the project is mandatory at the entry to the mine.
 - a. Lease owner's Name, Contact details etc.
 - b. Mining Lease area of the project (in ha.)
 - c. Production capacity of the project.
27. Species such as Khus Slips and Nagar Motha shall be planted on the nearby river banks for bank stabilization and to check soil erosion while dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
28. Dense plantation/ wood lot shall be carryout in the 7.5 meters periphery/barrier zone of the lease through concern CCF (social forestry) or concerned DFO or any other suitable agency and on mineral evacuation road & common area in the village through any suitable Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
29. Entire plantation proposed in barrier zone of lease area shall be carried out in the first year itself as per submitted plantation scheme.
30. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
31. 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 should take-up entire plantation activity within initial three years of mining operations and shall maintain them for entire mine life 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. Plantation in adjoining forest land shall be carried out through concerned DFO and commensurate budget shall be transferred for plantation to DFO.
32. Local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land through forest department or on other community land available for grassland and fodder development through Gram Panchayat in concerned village and handed over to Gram Panchayat after lease period.

33. During initial three years before onset of monsoon season, minimum 100 saplings or maximum as per submitted plantation scheme and subsequently approved by the SEAC of fodder / native fruit bearing species shall be distributed in nearby villagers to promote plantation and shall be procured from social forestry nursery/ Government Horticulture nursery. This activity shall be carried out under Govt. of Madhya Pradesh “ANKUR YOJNA” by registering individual villagers on “Vayudoot app”. Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, a minimum of 50 saplings be planted considering 80% survival with proper protection measures in School or Aganwadi premises.
34. Adequate provisions of water for irrigating plantation shall be made by PP.
35. Activates proposed under CER should be based upon outcome of public hearing in category for B-1 projects. However in case of B-2 projects, CER shall be proposed based upon local need assessment and Gram Panchayat Annual Action 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 CER 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 CER 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. Additionally in one soil sample, pesticides shall also be analyzed.
26. A separate budget in EMP & CER shall be maintained for development and maintenance of grazing land as per the latest O.M, of MoEF&CC issued vide letter F.No. 22-34/2018-IA. III, dated 16/01/2020.
27. PP shall submit biological diversity report stating that there is no adverse impact in- situ and on surrounding area by this project on local flora and fauna's habitat, breeding ground, corridor/ route etc. This report shall be filed annually with six-monthly compliance report.
28. The project proponent shall provide the mitigation measures as per MoEFCC's Office Memorandum No. Z-11013/57/2014-IA. II (M) dated 29th October 2014, titled "Impact of mining activities on Habitations-issues related to the mining Projects wherein Habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area" with EIA report.
29. LPG gas shall be provided for camping labour under "Ujjwala Yojna".
30. In the project where ground water is proposed as water source, the project proponent shall apply to the competent authority such as Central Ground Water Authority (CGWA) as the case may be for obtaining, No Objection Certificate (NOC).
31. Consideration of mining proposals involving violation of the EIA Notification, 2006, the project proponent shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court of India dated 02/08/2017 in WP © No. 114 of 2014 in the matter of Common Cause V/s Union of India & others before grant of TOR/EC. The undertaking inter alia includes commitment of the PP not to repeat any such violation in future as per MoEF&CC OM No. F.NO. 3-50/2017-IA.III (Pt.) dated 30/05/2018.
32. The mining project proponents involving violations of the EIA Notification, 2006 under the provisions of S.O. 804 (E) dated 14/03/2017 and subsequent amendments for TOR/EC shall give an undertaking by way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated the 2nd August 2017 in Writ Petition (Civil) No. 114 of 2014 in the matter of Common Cause versus Union of India and Ors. Before grant of TOR/EC the undertaking inter alia include commitment of the PP not to repeat any such violation of future. In case of violation of above undertaking, the TOR/Environmental Clearance shall be liable to be terminated forthwith.
33. Under CER scheme commitments with physical targets shall be included in EIA report for:
 - ✓ Proposal for CER activities based upon commitment made during public hearing and COVID-19 pandemic.
 - ✓ Activities such as solar panels in school, awareness camps for Oral Hygiene, Diabetes and Blood Pressure, works related to plantation (distribution of fruit & fodder bearing trees) vaccination, cattle's health checkup etc. in concerned village shall be proposed.
 - ✓ No fuel wood shall be used as a source of energy by mine workers. Thus proposal for providing solar cookers / LPG gas cylinders under "Ujjwala Yojna" to them who are residing in the nearby villages, shall be considered.
 - ✓ PP's commitment that activities proposed in the CER scheme will be completed within initial 03 years of the project and in the remaining years shall be maintained shall be submitted with EIA report.
34. Under Plantation Scheme commitments with budgetary allocations shall be included in EIA report for :
 - ✓ Comprehensive green belt plan with commitment that entire plantation shall be carried out in the initial three years and will be maintained thereafter with causality replacement. Proposal for distribution of fruit bearing

- species for nearby villagers shall also be incorporated in the plantation scheme and for which a primary survey for need assessment in concerned village shall be carried out.
- ✓ Commitment that plantation shall be carried out preferably through Govt. agency (such as Van Vikas Nigam / Van Samiti under monitoring and guidance of Forest Range officer with work permission from DFO concerned / Gram Panchayat / Agricultural department or any other suitable agency having adequate expertise as per the budgetary allocations made in the EMP.
 - ✓ Commitment that high density plantation (preferably using “Miyawaki Technique or WALMI technique) shall be developed in 7.5m barrier zone left for plantation through concern CCF (social forestry) or concerned DFO or any other suitable agency.
 - ✓ To know the soil quality, type and depth of the lease area the trial pit shall be dug out in the barrier zone.
 - ✓ Commitment that local palatable mixture of annual and perennial grass and fodder tree species shall be planted for grassland/fodder development on degraded forest land suitable for the purpose through Gram Panchayat on suitable community land in the concerned village area and handed over to Gram Panchayat after lease period.
 - ✓ PP shall explore the possibility for plantation in adjoining forest land in consultation with concerned DFO and commensurate budget shall be transferred for plantation to DFO.
 - ✓ Where ever Aushadhi Vatika (Medicinal Garden) is proposed by PP, minimum 50 saplings be planted considering 80% survival.
 - ✓ Adequate provisions of water for irrigating plantation shall be made by PP.

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.

35. Detailed analysis by a National Institute of repute of all aspects of the health of the residents of the Schedule Tribal block.
36. Detailed analysis of availability and quality of the drinking water resources available in the block.
37. 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.
38. The consent of Gram Sabah of the villages in the area where project is proposed shall be obtained.